

8th ANNUAL Mch 63.01

1904

BRANDON

SEED HOUSE



NASTURTIUM
MADAM GUNTERS NEW HYBRIDS.
PKT. 10¢

A. E. McKENZIE & Co.

BRANDON,
MANITOBA.

ASTER.
COMET. PKT 10¢

ASTER.
TRUMPET. 10¢



"GOLD STANDARD"



And What the Term Stands For

Gold is the standard coinage of the country and represents the highest quality and value of our currency, hence we have adopted it as our "trade mark," and are making application at Ottawa to have the same registered.

suggests the high quality of produced from specially raised from highest types of the very finest strains of don't aim at selling seeds some one else," but we "purer variety, of higher vitality, than can be We endeavor to furnish North-West seed buyers lutely the best from point adaptability to North-West

Every vegetable packet of circular design "Gold Standard of our seeds it is obvious that each thereby safe-guarding the interests of every customer, which is most important.



GENERAL OFFICES

"GOLD STANDARD" very aptly

"McKenzie's Seeds." They are selected hand-picked stock, plants capable of producing pedigreed varieties. We of "as good quality as do aim at selling seeds of germinal test, of stronger procured anywhere else." only those varieties that can "bank on." Abso- of quality, selection and climate and soil conditions.

McKenzie's seeds bears our Seeds." Owing to the popularity

packet should be thus designated,

OUR RESPONSIBILITY.

Perhaps you do not know our firm, this being the first catalogue you have received from us, and would like to learn of our responsibility before sending money. To such we suggest that you write (enclosing stamped envelope or post card) to either special agencies, Winnipeg, to the postmaster Brandon. We wish to assure every esteemed order will be handled with

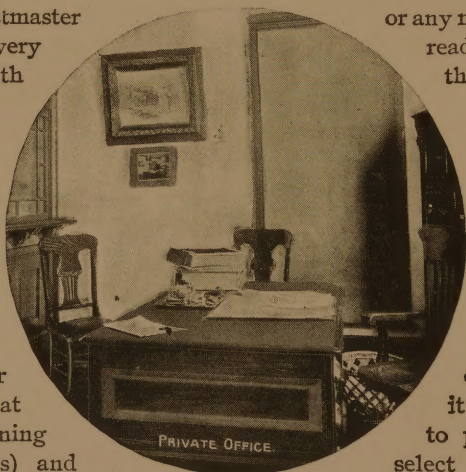
Bradstreet's or R. G. Dun & Co.'s commercial or any manager of the six chartered banks, reader of our catalogue that their the utmost care and integrity.

A SEED HOUSE

Improved and faster mail our quick and modern methods order is received, brings our to the most remote home in that this catalogue has that every variety of the seeds which it represents may post office a few days after your

Does it not appeal to you that by the fireside on a winter evening prepared for North-West needs) and marked opposite. It is so easy to write

panies catalogue and use our envelope. Buying by mail is so simple. Why, it is becoming a more popular method every day. More consumers buy by mail to day than at any preceding time in the world's history. The advantages of this method of buying are legion. These reasons apply more to the buying of seeds than to any other business. Your order can be more quickly, more accurately, more satisfactorily filled from the order sheet you mail us than if you were present and gave the order in person.



PRIVATE OFFICE.

NEAR HOME.

service every year, coupled with of doing business after your seed house comparatively near the North-West. The fact reached your home means choicest quality of high grade be waiting for you in your order is mailed.

it is so easy and pleasant to sit to peruse this catalogue (specially select varieties against which we have

your list on the order sheet which accom-

BUYING SEEDS BY MAIL.

It don't cost much to write to us, and if you did, it would pay you to do so; neither does it cost us much to answer your letter, submitting special information which may be desired. We like to do it, as we generally get the order. People who know us and know what we are doing sometimes wonder how it is that we have developed such an extensive seed business when this is only our eighth annual catalogue. Some of the reasons are—everything we do, we do the very best we know how, and our "know how" seems to suit seed buyers. Another reason, we issue tons on tons of these catalogues; a copy is never refused to any person wanting one. It has been found to be the best seed catalogue for the west—its representations are correct, and our customers have proven what it says to be true.



Reduced Freight Rates on Seeds From Brandon to Farmers.

We are pleased to announce to the farmers of this country that so far as we can learn it is the intention of the railway companies running out of Brandon to give a special half rate on certain seeds, hereafter enumerated. The official announcement will not be made by the railway companies until January, but we understand this rate is assured.

This reveals the forethought and appreciation of these large corporations of shrewd business men of the necessity of having the lands adjacent to their lines of railway seeded with pure choice seed, yielding the largest possible crops. If it pays the railway companies to do this, certainly the sower of the seed will reap a corresponding profit.

HALF RATES FROM BRANDON



Freight Rates Cut in Two

This rate takes effect February 1st and is good until May 15th, 1904.

The rate as given by the Canadian Pacific Railway Co. applies to the western divisions, Whitemouth to Morley and Cowley inclusive and including branch lines, at half current mileage tariff rates. On the Canadian Northern Railway the rate applies to the systems operated by this company in the Province of Manitoba, excepting the Dauphin line. To stations where it is necessary to route shipments over two lines of railway, the half rate tariff does not apply.

HALF RATES ARE GIVEN ON THE FOLLOWING SEEDS, VIZ:

**Barley, Red Fife Wheat, White Oats, Clover
all Grass Seeds, for Seeding Purposes only.**

This Half Rate is not given to merchants or dealers. It is given only to farmers or parties sowing the seed.

**Freights
Cut
in Two**

**Freights
Cut
in Two**

From Brandon

Freight and Express Rates.

Under this heading we attempt to give our many customers and friends an idea of the approximate freight and express rates from Brandon to their station or a point near them.

By selecting the station (town) nearest to your residence, you get an approximate idea of the probable charges of seed or other merchandise you desire to order.

The railway companies' smallest charge (not express) is for 100 lbs. by freight at 1st class rate. In no case will the freight be less than the 1st class rate on any one shipment, it matters not of what classification the goods may be, and 35c. is the minimum of 1st class rate.

For instance, supposing a farmer at Edmonton wants 2 bushels or 68 lbs of oats. According to classification, oats are 4th class, rate for which to Edmonton is \$1.36 per 100 lbs.; but the lowest rate to Edmonton for 100 lbs. and under is \$2.71, which is first-class rate, consequently that farmer can get 200 lbs. freighted for the same cost as 68 lbs., and under the special half-rate which the railways give on seed oats, this 200 lbs. may be doubled, making the quantity 400 lbs. This example reveals a principle which applies to all stations referred to and under conditions mentioned within the circle.

All merchandise for freight transportation is subject to classification. Of the seed business, classification is as follows, viz.:

FIRST CLASS

Garden Seeds
Root Seeds
Onion Sets
Implements
Garden Tools

THIRD CLASS

Grass Seed
Clovers
Flax

FOURTH CLASS

Flax Meal
Rape
Bags
Grains of all kinds (except Flax)
Potatoes

Express and Freight Rates

FROM BRANDON TO	FREIGHT RATES PER 100 LBS. See page 1 for classification.			SPECIAL EXPRESS RATES				
	1st Class	3rd Class	4th Class	100 lbs.	40 lbs.	25 lbs.	10 lbs.	5 lbs.
C.P.R. Main Line East								
Carberry, Man.....	.23	.15	.12	.50	.35	.35	.35	.25
Macgregor, Man.....	.33	.22	.17	.60	.35	.35	.35	.30
Portage la Prairie, Man...	.40	.26	.20	.80	.35	.35	.35	.35
Winnipeg, Man.....	.59	.40	.31	1.00	.40	.35	.35	.35
Beausejour, Man.....	.63	.42	.31	1.30	.50	.35	.35	.35
Main Line West								
Griswold, Man.....	.20	.14	.10	.50	.35	.35	.35	.25
Viriden, Man.....	.30	.20	.15	.70	.35	.35	.35	.35
Moosomin, Assa.....	.47	.31	.24	1.00	.40	.35	.35	.35
Whitewood Assa.....	.56	.37	.28	1.20	.50	.35	.35	.35
Grenfell, Assa.....	.64	.43	.32	1.30	.50	.35	.35	.35
Indian Head, Assa.....	.72	.48	.36	1.40	.55	.35	.35	.35
Regina, Assa.....	.81	.55	.41	1.60	.65	.40	.35	.35
Moose Jay, Assa.....	.87	.59	.44	1.80	.70	.45	.35	.35
Swift Current, Assa.....	1.10	.74	.56	2.10	.85	.50	.35	.35
Gull Lake, Assa.....	1.17	.79	.59	2.10	.85	.55	.35	.35
Maple Creek, Assa.....	1.27	.84	.64	2.25	.90	.55	.35	.35
Walsh, Assa.....	1.32	.88	.67	2.25	.90	.55	.35	.35
Medicine Hat, Assa.....	1.42	.94	.70	2.40	.95	.60	.35	.35
Glendon, Alta.....	1.63	1.08	.81	3.00	1.20	.75	.35	.35
Calgary, Alta.....	1.71	1.14	.86	3.20	1.30	.80	.35	.35
South Western Branch								
Methven, Man.....	.30	.20	.15	.60	.35	.35	.35	.30
Glenboro, Man.....	.37	.25	.19	.80	.35	.35	.35	.35
Treherne, Man.....	.45	.30	.22	.80	.35	.35	.35	.35
Carman, Man.....	.56	.37	.28	1.30	.50	.35	.35	.35
Estevan Branch								
Souris, Man.....	.20	.14	.10	.50	.35	.35	.35	.25
Hartney, Man.....	.28	.19	.14	.60	.35	.35	.35	.30
Napinka, Man.....	.33	.22	.17	.70	.35	.35	.35	.35
Gainsboro, Assa.....	.47	.31	.24	1.00	.40	.35	.35	.35
Oxbow, Assa.....	.58	.37	.29	1.20	.58	.35	.35	.35
Estevan, Assa.....	.68	.45	.34	1.30	.50	.35	.35	.35
Brookdale Branch								
Wellwood, Man.....	.42	.28	.21	.80	.35	.35	.35	.35
Arcola Branch								
Deleau, Man.....	.26	.18	.14	.60	.35	.35	.35	.30
Reston, Man.....	.35	.23	.18	.80	.36	.35	.35	.35
Manor, Assa.....	.53	.35	.27	1.00	.40	.35	.35	.35
Arcola, Assa.....	.58	.39	.29	1.20	.50	.35	.35	.35
Pembina Branch								
Deloraine, Man.....	.40	.26	.20	.80	.35	.35	.35	.35
Waskada, Man.....	.45	.30	.22	1.00	.40	.35	.35	.35
Lyleton, Man.....	.51	.34	.26	1.20	.48	.35	.35	.35
Boisvain, Man.....	.46	.31	.23	1.00	.40	.35	.35	.35
Killarney, Man.....	.51	.34	.26	1.20	.50	.35	.35	.35
Pilot Mound, Man.....	.61	.41	.31	1.30	.50	.35	.35	.35
Snowflake, Man.....	.65	.43	.32	1.40	.55	.35	.35	.35
Manitow, Man.....	.65	.43	.32	1.40	.55	.35	.35	.35
Morden, Man.....	.68	.46	.34	1.40	.55	.35	.35	.35
Gretna, Man.....	.68	.46	.34	1.40	.55	.35	.35	.35
Emerson Branch								
Otterbourne, Man.....	.63	.42	.31	1.30	.50	.35	.35	.35
Dominion City, Man.....	.66	.44	.33	1.40	.55	.35	.35	.35
Emerson, Man.....	.68	.46	.34	1.30	.50	.35	.35	.35
Miniota Branch								
Oak River, Man.....	.30	.20	.15	.70	.35	.35	.35	.35
Miniota, Man.....	.40	.26	.20	.80	.35	.35	.35	.35
Rapid City, Man.....	.25	.17	.13	.60	.35	.35	.35	.30
Northwestern Branch								
Westbourne, Man.....	.45	.30	.22	.80	.35	.35	.35	.35
Gladstone, Man.....	.45	.30	.22	.80	.35	.35	.35	.35

FROM BRANDON TO	FREIGHT RATES PER 100 LBS. See page 1 for classification.			SPECIAL EXPRESS RATES				
	1st Class	3rd Class	4th Class	100 lbs.	40 lbs.	25 lbs.	10 lbs.	5 lbs.
Northwestern Branch								
Neepawa, Man.....	.37	.25	.19	.80	.35	.35	.35	.35
Minnedosa, Man.....	.31	.21	.16	.60	.35	.35	.35	.30
Shoal Lake, Man.....	.42	.37	.22	1.00	.40	.35	.35	.35
Birtle, Man.....	.51	.34	.26	1.00	.40	.35	.35	.35
Russell, Man.....	.56	.37	.28	1.20	.50	.35	.35	.35
Saltcoats, Assa.....	.70	.47	.35	1.40	.55	.35	.35	.35
Zorkton, Assa.....	.72	.50	.37	1.40	.55	.35	.35	.35
Prince Albert Branch								
Lumsden, Assa.....	1.07	.73	.55	1.80	.70	.45	.35	.35
Craik, Assa.....	1.37	.93	.70	2.00	.80	.50	.35	.35
Dundurn, Assa.....	1.64	1.10	.82	2.25	.90	.55	.35	.35
Saskatoon, Sask.....	1.71	1.15	.86	2.40	.95	.60	.35	.35
Rosthern, Sask.....	1.81	1.23	.91	2.40	.95	.60	.35	.35
Prince Albert, Sask.....	1.96	1.31	.99	2.80	1.10	.70	.35	.35
Edmonton Branch								
Crossfield, Alta.....	2.05	1.37	1.04	4.00	1.60	1.00	.40	.35
Olds, Alta.....	2.20	1.47	1.11	4.20	1.70	1.05	.40	.35
Red Deer, Alta.....	2.37	1.58	1.19	4.50	1.80	1.15	.45	.35
Lacombe, Alta.....	2.46	1.64	1.24	4.50	1.80	1.15	.45	.35
Wetaskiwin, Alta.....	2.61	1.74	1.31	4.80	1.90	1.20	.50	.35
Edmonton, Alta.....	2.71	1.82	1.36	5.20	2.10	1.30	.50	.35
Macleod Branch								
Okotoks, Alta.....	2.05	1.37	1.04	4.00	1.60	1.00	.40	.35
Nanton, Alta.....	2.20	1.47	1.11	4.20	1.70	1.05	.40	.35
Macleod, Alta.....	1.63	1.08	.81	3.40	1.35	.85	.35	.35
Lethbridge Branch								
Lethbridge, Alta.....	1.59	1.06	.79	2.80	1.10	.70	.35	.35
Pincher Creek, Alta.....	1.66	1.11	.83	3.40	1.36	.85	.35	.35
Portal Branch								
Rouleau, Assa.....	.92	.60	.45	1.80	.70	.45	.35	.35
Milestone, Assa.....	.87	.58	.43	1.60	.65	.40	.35	.35
Weyburn, Assa.....	.79	.53	.40	1.60	.65	.40	.35	.35
C.N.R. Main Line								
Steinbach, Man.....	.75	.50	.37	1.40	.56	.35	.35	.35
Rainy River, Ont.....	.94	.63	.48	2.00	.80	.50	.35	.35
Emo, Ont.....	1.01	.68	.51	2.10	.84	.53	.35	.35
Brandon-Hartney Branch								
Wawanesa, Man.....	.23	.15	.12	.50	.35	.35	.35	.25
Belmont, Man.....	.28	.19	.14	.60	.35	.35	.35	.30
Minto, Man.....	.37	.25	.19	.70	.35	.35	.35	.35
Maricapolis, Man.....	.37	.25	.19	.80	.35	.35	.35	.35
Somerset, Man.....	.42	.28	.21	1.00	.40	.35	.35	.35
Miami, Man.....	.48	.32	.25	1.00	.40	.35	.35	.35
Roland, Man.....	.51	.34	.26	1.00	.40	.35	.35	.35
Morris, Man.....	.59	.39	.30	1.20	.48	.35	.35	.35

Plumas, Man..... .71 .47 .36
Dauphin, Man..... .94 .62 .46
Grand View, Man..... 1.01 .67 .51
Swan River, Man..... 1.15 .76 .57

The Express Rates
to Portage la Prairie
are
.80| .35| .35| .35| .35

to which add the rate from Portage la Prairie to destination, which in no case will be less than 35c.

Do not forget that to most stations under the half-rate privileges, 200, 300 or 400 lbs. costs no more freight than 50 lbs.

We will be pleased to furnish further information, if we can, should our friends write us. We would, however, request that such inquiries be made early in the season, say not later than February.

SUGGESTIONS TO BUYERS

Write Orders upon blank Order Sheet, which is to be found in this Catalogue, and return in addressed envelope to Brandon Seed House, Brandon, Man.

1. Our Terms—Cash must accompany every order. We do not send C.O.D.

2. How to Send Money.

The best way is by Express Money Order.

Cost of Express Money Orders—

\$5.00 and under .. 3c.
Over \$5.00 to \$10.00 .. 6c.
" 10.00 " 30.00 .. 10c.
" 30.00 " 50.00 .. 15c.
" 50.00 at same rate.

The next best way is by Post Office Orders, or Postal Notes.

Cost of Post Office Orders—

\$5.00 and under .. 3c.
Over \$5.00 and up to \$10.00 .. 6c.
" 10.00 " 30.00 .. 10c.
" 30.00 " 50.00 .. 15c.
" 50.00 " 75.00 .. 25c.
" 75.00 " 100.00 .. 30c.

Postal Notes from 20c. to 40c. cost 1c.; from 50c. to \$2.50 cost 2c. We also accept bank drafts.

If none of the above ways are convenient, send by registered letter carefully sealed.

Do not send money unregistered. It is not safe.

For amounts smaller than \$1.00, and over 20c., use Postal Notes whenever possible.

Do not send private cheque on local bank, otherwise we have to deduct cost of collecting same from order.

SUGGESTIONS TO BUYERS.—Continued.

BAGS. Orders exceeding 20 pounds of grain or vegetable seed, or 10 pounds of grass seed add for cotton bags 20 cents each.

PREPAID RY. STATION. Sometimes our customers require their shipments sent to points on railway where there are no agents. In all such cases money to prepay freight must accompany order.

SHIPPING. We ship by mail, express or freight, always protecting the interests of our customers by shipping whichever way is cheapest. This is determined by the size of the order. We have good facilities for packing so that seeds will arrive in good condition. Our responsibility ceases when we have delivered freight orders to Railway Company here.

CORRECTION OF ERRORS. Every order is filled with the utmost care. Should an error occur, please inform us, and it will be our pleasure to make satisfactory correction.

Our customers will appreciate that it is as much to our interest as theirs that we supply only seeds of best quality, and while we exercise every care to have everything reliable, we give no warranty, expressed or implied, as to description, purity, productiveness or any other matter connected with any seeds, plants, nursery stock, etc., we send out, and will not be in any way responsible for the crop. All seeds or goods of any nature ordered from us, or which we send out, are supplied only on these conditions.



"OF THE WEST, FOR THE WEST" CULTURAL INSTRUCTIONS



AS APPLIED TO

Vegetable Seed Sowing throughout Manitoba and the North-West Territories.

Owing to somewhat different conditions prevailing here, the growing of many lines of vegetables demands special treatment to achieve the fullest success. The following directions, while necessarily somewhat brief, have been compiled with much care from actual experience, and we are justified in claiming that in no other seed catalogue can a safer guide be found for the western grower.

(Full instructions on each and every packet as well)

ARTICHOKE

A rich, deep loam, with plenty of well-rotted manure, and plenty of moisture. Sow seeds in May, and when large enough transplant into rows 3 to 4 feet apart and 2 feet in the rows. They reach maturity the third year. When cold weather sets in, bank the earth to the top, first cutting off and tying up the leaves so that they will occupy less space, and in the spring apply a dressing of manure.

ASPARAGUS

(1 oz. for 60 ft. of drill).

After soaking the seed 24 hours in lukewarm water, sow thinly in rows 1 foot apart in May and keep down all weeds. To secure strong, healthy plants, thin out the seedlings to 3 or 4 inches in the row, saving only the strongest. The one-year-old plants should be set out second spring, in beds well manured (if for private use) 5 feet wide, three rows in a bed, the outer being one foot from the edge, and 12 inches in the rows; set plants at least 6 inches below the surface. In autumn cover with well rotted manure, and in the spring give a good dressing of salt.

BEANS

(2 lbs. to 100 ft. in drills).

About May 23rd, select a warm, dry soil; dig and manure slightly; make drills 2 inches deep, and 18 to 30 inches apart; drop the beans 3 inches apart in the drills, and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks for a succession.

BEET

(1 oz. to 50 ft. of drill; 5 to 6 lbs. per acre).

Sow about May 15th. The soil should be light sandy loam, well enriched with manure. Drill seed 30 inches apart and thin to 6 inches distant. Soak the seed 24 hours in lukewarm water before planting. Cultivate often.

CABBAGE

The best method of growing cabbage plants in the Northwest is by use of the cold frame rather than a hot-bed. Place 8 inches of well prepared, rich soil in a frame, press firmly, and sow thinly in rows 4 inches apart, about the last week in April, afterwards thinning the plants to 3 inches apart in the row. Give air when weather is suitable, and throw some slight covering over the glass on frosty nights. By this means remarkably strong plants will be ready for planting in the open about the end of May. When putting out the plants, press the soil firmly around the roots, and give one good watering. Constant cultivation during the growing season is essential to secure large heads.

BROCOLI

Cultivate same as cauliflower; heads are very similar.

BRUSSELS SPROUTS

Sow outside in drills in May, transplant 2 feet apart in July, then cultivate same as cabbage.

BORECOLE OR KALE

Sow in May in prepared beds, cover thinly, transplant in June, and treat in the same manner as cabbage.

CITRON

Sow about May 24, in hills 5 feet each way, about 12 seeds to each hill. When plants show signs of flowering, pinch back the tips of the shoots to induce fruiting. Gather fruit before frost. Rich soil and thorough cultivation is necessary to secure best results.

CARROT GARDEN SORTS.

(1 oz. to 100 feet of drill, 4 lbs. per acre).

For early crop sow as soon as the ground can be worked, and for later crop from fore part of May until 15th June. in rows 15 inches apart. The land should be manured the previous season, as, when sown on newly manured ground, the tendency is to produce forked roots.

FIELD SORTS.

(2 to 3 lbs. per acre).

Sow in drills 2½ to 3 feet apart, from the middle of April to May 15th. When about 3 inches high, thin from 6 to 9 inches apart.

CAULIFLOWER

The best method of growing cauliflower for Manitoba and the Northwest is by means of a cold frame rather than a hotbed. Place 8 inches of well prepared, rich soil in a frame, press firmly, and sow thinly in rows 4 inches apart, about the last week in April, afterwards thinning the plants to 3 inches apart in the row. Give air when weather is suitable, and throw some slight covering over glass on frosty nights. Large and remarkably strong plants will be ready for the garden about the end of May. Plant firmly, and give one good watering. Constant cultivation is necessary to secure good heads, and as soon as heads have begun to form, break down some of the leaves over them to keep off the sun and dust.

CHICORY

Cultivate similar to carrots.

CHERVIL

Cultivate like parsley. The leaves are used for flavoring.

We invite a trial order from those who have not yet dealt with us. Be convinced that you can get the best stuff "at home."

CULTURAL INSTRUCTIONS—Continued.**CELERY**

(1 oz. for 2,000 plants).

Sow the seed in rich mellow soil in hot house, in March. When the plants become strong enough to set out, in June or July, transplant in rows about 4 feet apart, and 6 in. in the rows. The ground should have been deeply dug and made level on top previously. After setting out the plants see that the soil is made firm around them to prevent air from reaching the roots until new rootlets are formed. As the plants grow they should be earthed up. Don't let any soil fall into the heart of the celery. Water abundantly. Lift before frost and pack in boxes of sand in a cool cellar.

CORN, SWEET OR SUGAR

(1 lb. to 100 hills).

Plant from 20th to 24th of May, in hills 3 to 4 ft. apart each way and 5 or 6 kernels in a hill. Thin to 3 good stalks for each hill. Cultivate until the stalks are too high to work among.

CORN SALAD, OR FETICUS

(Grown for use as a salad).

Sow early in spring, in rows about 1 foot apart. In six or eight weeks it is ready for use.

CRESS, OR PEPPER GRASS

Sow thickly very early in spring in shallow drills, 5 to 6 inches apart, covering one-half inch deep, and for succession every two weeks. Easily grown in boxes in the house during winter.

CUCUMBER

(1 oz. to 50 hills, 2 to 3 lbs. in hills per acre).

Plant from the 20th to the 24th May, in hills 4 feet apart each way, elevating the hills a little above the level of the ground. Put 8 or 10 seeds into each hill, covering them half an inch deep with fine soil, and press the earth a little over the seeds with the back of a hoe, keep the ground loose and clear of weeds, and in dry weather water occasionally; thin out, leaving 4 thrifty plants in a hill. As soon as flowers show, pinch off the top of shoots to induce fruiting.

ENDIVE

Plant in June or July, and when nearly full grown, tie together to bleach in the centre. Sow in drills 1 foot apart.

EGG PLANT

Sow in hot beds about middle of April, protect at night. Plant out first week in June, about 2½ feet apart.

GARLIC

Plant in rows 14 inches apart, 2 inches deep, and 6 inches apart in the rows. It is cultivated for its flavor, which is similar to the onion, but more powerful, used for seasoning pickles, stews, etc.

HERBS

Garden herbs should be sown in Manitoba and the Northwest about the third week in April, in rows 12 inches apart. Sow thinly and no thinning will be necessary. For drying they should be gathered as soon as they come into flowers, and dried in a shady place.

KOHL-RABI

Sow early in spring, in drills 14 inches apart, and thin to 6 inches. Cultivate like turnips or cabbage.

LEEK

Sow early in spring, in drills 15 inches apart, and thin to 6 inches. Hoe the earth up to them in course of cultivation. If it is intended to blanch them white and tender, transplant them when 6 or 8 inches high into drills 4 inches deep, and earth up like celery. A rich, moist soil is best.

LETTUCE

(1 oz. for 3,000 plants. 1 oz. will sow a row of 100 ft).

For early use, sow in hot bed in February, and for a succession every 2 or 3 weeks in the open ground, commencing as early in the spring as the ground can be worked. Cover the seed one-quarter of an inch deep in a well-prepared bed or in drills. Water liberally in dry weather. Thin and transplant to 1 foot apart into the richest soil for heading. The more rapid growth the better quality.

MELON

Though melons may sometimes be grown in the North-

west by sowing in the open about May 24, it is necessary to ensure ripening, to start the seeds in a pot in the house or hot-bed, about the first week in April. Use a six inch pot, and sow 3 or 4 seeds in each, and plant outside about the 1st of June, giving a good watering. By this means the roots are not disturbed, and the plants are a good size on going into the open. Pinch ends of the growing shoots to induce fruiting.

MANGEL WURTZEL

(4 to 6 lbs. per acre).

Mangels delight in deep rich loam, just such as we have in our fair Northwest. This, with the cool nights, makes our country admirably suitable for this valuable root. Time to sow, May 1st. When sown on hard soils, sow in drills, but when sown in loose or dry soils, sow on the flat, in rows 3 feet apart, and thin from 12 to 15 inches.

ONION

(1 oz. for 100 ft. of drill; 5 or 6 lbs. in drills for an acre).

The onion thrives best in a rather deep, rich, loamy soil. The best culture requires that the ground should be deeply trenched or ploughed and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by levelling the ground with a harrow or rake, and roll or tread it firmly; sow thinly in drills about a quarter of an inch deep and 18 inches apart; cover with fine soil, and press down with the back of a spade, or a light roller, or with the foot along each row. When the young plants are strong enough thin gradually and keep the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs.

ONION SETS

(1 quart for 100 feet of drill).

Sets furnish large onions early, as well as the first green onions for table use. Plant the sets as early in the spring as possible, in shallow drills, 1 foot apart and 4 inches between sets. Cover slightly. They can be used in green state in June, or ripened off in July.

PARSLEY

(1 oz. for 150 feet of drill).

Soak the seed for 4 to 6 hours in warm water, sow very early in spring, one-half inch deep in drills, about 1 foot apart. Light, rich soil and constant cultivation is needed.

PARSNIPS

(1 oz. to 100 feet of drill, 5 lbs. to an acre, sown 15 to 18 inches apart).

Sow as early in the spring as the ground can be worked, in rich soil, in drills 18 inches apart. The ground should be well and deeply dug. Thin to 6 or 8 inches in the rows. Hoe and cultivate often to keep down weeds.

PEAS

(1 lb. to 40 feet of drill, 2 to 3 bush per acre).

A week may be gained in earliness by sowing a quantity in moist sand, placed in a box in the cellar, and planting outside when well sprouted. Light, dry soil, not over rich, suits the pea. Sow as early as the ground can be worked, and sow every 10 days for succession, or else sow early and late varieties. Sow in April and May, in double or single drills, from two to four feet apart, covering about three inches deep. The wrinkled varieties have the best flavor and remain a long time soft.

PEPPER

Sow in hotbeds in March, and when the soil has become warm set in rows 2 ft. apart and 18 inches in the rows; hoe frequently.

PUMPKIN

Plant in hills 8 or 10 feet apart each way, 4 seeds in a hill. In other respects, cultivate in the same manner as melon and cucumber. Avoid planting near other vines.

RADISH

(1 oz. for 100 feet of drill, 9 to 10 lbs. per acre).

The soil should be rich, light and mellow, well broken by digging, as their tender and mild qualities depend much upon rapid growth. For early use sow as early in spring as the ground can be worked. "Turnip Rooted" and the "Olive shaped" are the best varieties for sowing as suc-

1904 is going to be a banner year with us. Send in your order early.

CULTURAL INSTRUCTIONS—Continued.

cession crops in the summer. The winter varieties should be sown about 15th of May. Keep ground moist for cool, crisp roots.

RHUBARB

Sow in drills an inch deep, thinning out plants to 6 inches apart. In the fall transplant into very highly manured ground, setting them about 3 feet apart each way. Give a dressing of coarse manure every fall. They should not be plucked much till the third year. Never allow the plant to exhaust itself by running to seed.

SPINACH

For Manitoba and the Northwest sow in the fall, just previous to freezing up, or very early in the spring, in rows two inches apart. Sow thinly and no thinning is necessary. Spinach flourishes on a soil rather on the poor side, and a sowing should be made weekly for succession.

SALSIFY, OR VEGETABLE OYSTER

Same as for carrot. Used for soups, stews, etc., and resembles the oyster in flavor.

SUGAR BEET

(4 to 6 lbs. to acre).

Culture—The same as mangel, in rows 3 feet apart and thin from 12 to 15 inches.

TOMATO

(1 oz. to 1,500 plants).

Sow in a hot-bed in early spring, or the seed may be sown in shallow boxes and placed in a window when one does not wish to have the trouble of making a hot-bed. Transplant to the open ground when all danger of frost is past, setting the plants 3 feet apart each way. When first set out it is well to protect the tender plant from strong wind by the use of a shingle in ground to windy side. Give good watering.

If you had time to
Read the Unsolicited
Testimonials.

A Host of Witnesses.

KINGSLEY, Dec. 21st, 1903.

DEAR SIRs,—Your seeds gave perfect satisfaction. This was our first year on this farm and the land was not in any shape for gardening purposes, it being old stubble land. The summer, too, was exceptionally dry, but despite all these disadvantages we had a bountiful return. The citrons did well, out of the ounce of seed we had over three hundred citrons. Everything else done as good according, except the garden lemon. They were too tender to stand the abuse of this past summer. I await your catalogue for a fresh list. Thanking you for the past, I remain,
Yours truly, JOHN McLACHLAN.

The seeds I got from you last spring gave very good satisfaction; shall get my seeds from you again.—JOHN RAMSAY, Priddis.

I have had great success with your seeds and fruit trees. Every tree grew; two crab-apple trees that I got in 1902 grew 18 inches high this last season.—J. N. DUNLOP, Dunrea.

I have tried ten seedsmen in the U.S., four in Ontario and one in this Province, and have found the seed from A. E. MCKENZIE & Co., of Brandon, to be equal to any I ever bought.—S. LARCOMBE, Birtle.

I can recommend your seeds being good. I had a monster crop of onions this year from your seeds. Everything else did well.—G. FRASER, Glenella.

I got a packet of your Early Express Cabbage, and it has given extra satisfaction. Will send order for 1904.—THOS. F. UPTON, Yarrow.

I had good results from last years' seed from you, especially the Swede Turnip, the best we have had here.—A. McKINNON, Pettapiece.

SQUASH

(1 oz. for 50 hills).

Sow when danger of frost is past, in hills 8 feet apart for running sorts, and 4 feet for bush varieties. Leave two or three vigorous plants in each hill. Cultivate same as pumpkins.

TOBACCO

To grow tobacco in Manitoba and the Northwest, sow in boxes 2 or 3 inches deep in house or hot-bed early in April. Fill the box with very fine soil to within half inch from top, and sprinkle seed on surface, afterwards cover very lightly by means of holding a fine sieve over the box and gently sifting through some of the fine soil. When plants are large enough, transplant into other boxes, setting them 3 inches apart, and plant outside about the 1st of June. Give constant cultivation, and remove all flowers as soon as they appear, together with all shoots.

GARDEN TURNIPS

(1 oz. for 150 feet of drill, 2 lbs. per acre).

For early use sow as early in the spring as the ground can be worked, in drills 1 foot apart. Make successive sowings until August for general crops. Thin out to 6 or 8 inches. A light rich soil is suitable.

FIELD TURNIPS

(Sow 2 to 4 lbs. per acre).

The soil best adapted for all turnip crops is that of loamy quality. We have had excellent results, especially on the low flat lands. Cool nights and warm days make this a natural climate for the turnip. Sow from May 15th till the end of June, on firm hard soil in drills, or on loose dry soil, on the flat or level, from 2½ to 3 feet apart. Thin out to 12 or 15 inches apart.

And if we had
space to publish
them.



This Catalogue is specially prepared to meet the needs of the West.

**Seeds Prepaid by Mail**

Please remember that we prepay the postage to any post office in Canada on all packets, ounces and in quantities up to one pound, inclusive, unless otherwise noted.

If ordered to be sent by express or freight, deduct 5 cents per lb. from mail prices quoted.

We Guarantee

safe arrival of all seeds, whether sent by mail or express.

Cheerfully Refill

We cheerfully refill any mail or express order should it become lost.

25c. EXTRA

Customers may select the following values in extra seeds when ordering Vegetable and Flower Seeds at packet and ounce prices:

CUSTOMERS SENDING	\$1.00	May select extra Seeds to the value of	\$0.25	Vegetables and Flower Seeds in Packets or Ounces only.
	2.00		.50	
	3.00		.75	
	4.00		1.00	
	5.00		1.25	

It must be understood that these EXTRAS are only allowed on seeds at packet and ounce prices, and not on bulbs, plants or seeds at 1-4 or pound prices; nor can we send the value of extras in other than seeds at packet and ounce rates.

**Gold Standard Seeds**

Look on inside page of cover; see what we say about Gold Standard Seeds, and what the designation "Gold Standard" stands for.

This sign stands for "Gold Standard" when used before vegetable varieties. It is intended to aid customers in making out their lists. If you select varieties having placed opposite, you will make no mistake in selecting the very best of the different varieties adapted to this country.

PRICES

Prices in this Catalogue are as low as "tested seeds" of strong vitality can be sold for, in the quantities usually required by regular buyers.

Special prices are given to market gardeners on application. Send in list of your requirements.

Artichoke

✓ **LARGE GREEN GLOBE.** Grown for the unripe flower heads. Pkt. 5c., oz. 40c.

Asparagus

The asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care for its successful cultivation.

✓ **COLUMBIA MAMMOTH WHITE.** Gives immense yields of clear, white shoots, which remain so without earthing as long as fit for use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

✓ **PALMETTO.** The general favorite, shoots are very large size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

✓ **CONOVER'S COLOSSAL.** A standard sort, color deep green, spreads less than other varieties. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

Artichoke Roots

✓ **JERUSALEM.** Grown exclusively for its tubers, which somewhat resemble potatoes and are cultivated in a similar manner, only that the rows should be at least 4 feet apart when grown in strong soils. It is enormously productive, producing 1,500 bushels per acre. Used mostly for feeding sheep and hogs. Price, postage or express paid, lb. 20c., 5 lbs. 85c. Price on application for larger quantity.

Asparagus Roots

✓ **COLUMBIA MAMMOTH WHITE.** Price, postpaid, per 100, \$1.40.

✓ **PALMETTO.** Price, postpaid, per 100, \$1.30.

✓ **CONOVER'S COLOSSAL.** Price, postpaid, per 100, \$1.20.

Bear in mind that nearly all our prices for Garden Seeds include postage. Some Catalogues don't have postage included.

We Pay Postage.**BEANS.**

Remember that our prices include prepayment of postage by us. If wanted by express or freight with other seeds, deduct 5c. per lb.
All packets Beans 5 cents each, except where noted.

Wax
Podded
—
Rich
Creamy
Yellow
Color
—
Early
—
Hardy
—
Choice

**McKENZIE'S PERFECTION WAX BEAN**

Prices on Beans include postage paid.

McKENZIE'S PERFECTION GREAT WAX OR BUTTER BEAN.

Of all Wax-Podded Beans McKenzie's Perfection leads. May be relied upon to give charming results. It combines the best qualities of all other varieties. In color it is a rich creamy yellow. Its extreme earliness, unusual hardness and exceptional productiveness, with pods of handsome appearance and choicest quality gives it first place with every grower. For either home or market use McKenzie's Perfection excels. Pods are 6 to 7 inches in length, slightly curved, very brittle and tender.

Remember, prices include postage paid: 1 lb. 30c.; 1-2 lb. 15c.; pkt. 10c.

BEANS—WAX OR BUTTER.

(Dwarf Varieties).

These varieties are very popular.

- | | |
|---|-----------------------------|
| ◆ NEW SADDLE-BACK WAX. A valuable acquisition and may yet take the lead, beautiful golden round pods, nearly straight, very tender and so full of beans they are creased in the back | Postage Paid.
1lb. 5lbs. |
| ◆ KEENEY'S RUSTLESS WAX. Very early, productive, entirely free from rust, and pods 5 inches long | 25 |
| ◆ YOSEMITE MAMMOTH WAX. Pods 10 inches long and very tender. | 25 90 |
| ◆ FLAGEOLET RED WAX. A reliable sort, very popular with some growers | 25 90 |
| ◆ WARDWELL'S KIDNEY WAX. Early long, flat, pure wax pods | 25 \$1 |
| ◆ DWARF BLACK WAX. Our old standard. Very reliable | 20 85 |
| ◆ DETROIT WAX. Similar to Golden Wax or Butter, except pods are slightly broader and longer, not so tender | 20 60 |
| ◆ Half (½) Pounds at Half the One Pound Price. | |
- Don't forget above prices include postage paid.

BEANS—GREEN PODDED DWARF.

- | | |
|---|-------|
| ◆ McKENZIE'S MATCHLESS GREEN POD. This is undoubtedly the most valuable green podded bean for this country. For hardness, productiveness and early maturity it cannot be surpassed. Pods are in abundance, very round, straight, entirely stringless and can be had in constant succession from spring until cut off by heavy frost in the fall. Packet 10c. ... | 30 |
| ◆ EXTRA EARLY VALENTINE. An improved round-podded strain. Earlier by 10 days than the original Valentine. Pods round, thick and fleshy | 25 |
| ◆ REFUGEE, LATE OR 1000 TO 1. Medium to late, productive and tender, largely used for main crop | 20 85 |
| ◆ CHINA RED EYE. White, with pink eye; early, continues long in bearing .. | 25 80 |
| ◆ MOHAWK. Early; productive and very hardy, with large well filled pods .. | 20 75 |
| ◆ EARLY YELLOW SIX WEEKS. Long; a good standard sort. | 20 75 |



GOLDEN WAX Bean



Improved Golden Wax or Butter

(Currie's Improved Rust Proof)

All packets Beans 5 cents each, except where noted

Expressions of satisfaction warrant us commending the high qualities of this reliable Bean. In color it is a rich golden yellow, and of perfect shape. It is of grand quality, is free from string or coarseness, even when past its best; of tender melting flavor at all stages of its growth.

5 lbs. \$1.00, 1 lb. 30c., packet 5c.

(Crop of this variety short this year.)

Beans--Pole or Running

(Wax Podded Varieties).

✓ **NEW GOLDEN MASTIFF, PODDED.** The best variety yet introduced, large, rich, buttery flavored pods in great abundance. Our stock very limited. Pkt. 10., 1 lb. 30c.

✓ **GOLDEN ANDALUSIA WAX.** A splendid bean. Bears profusely long, beautiful golden yellow pods in clusters. Pods are 6 to 8 inches long, broad, thick, very fleshy and stringless. 1 lb. 30c.

✓ **EARLY GOLDEN CLUSTER WAX.** 1 lb. 25c.

✓ **BLACK BUTTER OR INDIAN CHIEF.** An old, popular variety. 1 lb. 25c.

Beans--Pole or Running, Green Podded

✓ **LAZY WIFE'S.** Entirely stringless pods 8 inches, rich, buttery flavor. 1 lb. 25c.

✓ **HORTICULTURAL OR SPECKLED CRANBERRY.** 1 lb. 25c.

✓ **SCARLET RUNNER.** A popular English pole bean, very ornamental. 1 lb. 25c.

Shell Beans for Winter Use

✓ **McKENZIE'S FAMOUS MARROW-FAT.** These are a beautiful ivory white, very nutritious, an abundant cropper. 1 lb. 20c., 5 lbs. 70c.

✓ **WHITE FIELD.** Very popular. 1 lb. 15c., 5 lbs. 65c.

✓ **EARLY BOSTON NAVY.** Does well in the west. 1 lb. 20c., 5 lbs. 70c.

Beans--English

✓ **ENGLISH BROAD WINDSOR.** Entirely distinct from the common or French bean; very large, and best for general use. 1 lb. 25c.

Beans--Bush Lima

We do not encourage planting Bush Lima varieties; as a general rule they do not succeed well in the Northwest. For one thing they are too late.

✓ **BURPEE'S BUSH LIMA.** This is the best of the Lima varieties for this country. 1 lb. 30c.



A bower of Scarlet Runner Beans, size 100 ft. long, 10 ft. wide; pods 8 to 10 inches long. Grown by S. Larcombe, Birtle, from seed bought from A. E. McKenzie & Co. Engraved from photograph taken about Sept. 1st, 1903.

*My garden seeds did well.
—W. Metcalf, Wawota, Assa.*

The vegetable seeds that I got from you last season were excellent. — W. A. Frew, Pense, Assa.

The seeds I got last year were fine.—H. S. Johnson, Nanton, Alta.

Your seeds did well last year, all of them.—George Sharp, Kentis, Assa.

I want to say that I am very much pleased with your seeds, and I always speak a good word for them.—Mrs. P. B. Anderson, Northern.



Corn Salad or Feticus

(Lamb's Lettuce)

For culture, see page 4.

LARGE LEAVED DUTCH. Grown for its leaves, which make splendid salad for early spring use. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 25c.

Chicory

Used as a substitute for coffee. Roots are cut and dried and then roasted for mixing with coffee. Very healthful. Cultivated similar to carrot.

LARGE COFFEE - ROOTED MAGDENBURG. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 60c.

Chervil

Cultivate like parsley. The leaves are used for flavoring.

CURLED. Pkt. 5c., 1 oz. 15c.

Cress or Pepper Grass

EXTRA TRIPLE CURLED. Best for salads, can be cut two or three times. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 15c., 1 lb. 40c.

WATER CRESS. Aquatic plant, and when rooted should be transplanted to the banks of a running stream. Pkt. 10c., 1 oz. 50c.

NEW UPLAND. Grown like spinach, used as water cress, and is a perennial. Pkt. 10c., 1 oz. 50c.

Celeriac

TURNIP ROOTED CELERY. Produces turnip shaped roots, which may be cooked and sliced and used with vinegar, making an excellent salad. Pkt. 5c., 1 oz. 20c.

Celery

(See Page 15)

Celery Plants

(See Page 26)

Endive

FINE GREEN CURLED. Pkt. 5c., oz. 15c.

MOSS CURLED. Pkt. 5c., oz. 15c.

Leek

FRENCH CARENTAN.

The finest for private gardens. Grows to a large size and is of excellent quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.

BROAD LONDON OR ENGLISH FLAG.

Very large and strong growing. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c.



Garden Lemon

The Garden Lemon is a very interesting fruit, about the size of a lemon; bright golden color; pulp about half an inch thick, agreeable pleasant flavor, sub-acid, with the richness of a musk-melon; a desirable addition to the list of new fruits. Cultivate in hills. Pkt. 5c., oz. 15c.

HOW TO PREPARE GARDEN LEMONS FOR PRESERVES.—Peel, halve and remove seeds from the Garden Lemons selected. To each pound of fruit so prepared allow 1 lb. of white sugar. Sprinkle sugar over fruit and let stand over night; pour off juice into preserving kettle and let it come to a boil; then place the fruit in and cook until fork will pierce it easily. Take out carefully and place in jars. Let syrup boil a few minutes to thicken, then skim and pour over fruit; seal closely.

For Sugar Beet and Mangel Wurtzel see under "Field Root Seeds."

BEET.

Remember to deduct 5 cents per pound if ordered by express.

25c Extra

Twenty-five cents worth of seeds extra are allowed on each dollar sent for seeds in packets and ounces.

See particulars of this discount on page 6.

Complete index of this Catalogue on page 72.

The rapid growth of our business, and the uniform testimony of all who use them is the best evidence that McKenzie's seeds give satisfaction.



We list and recommend varieties which do best in the North-West.

All packets of Beets 5c. each.

McKENZIE'S EXTRA EARLY

(Fig. 1) This is a valuable acquisition for market gardeners, as well as for the private garden, owing to its **extreme earliness**. It is of **handsome round shape, dark crimson color, clean slender foliage, showing its fine quality in its outward appearance**; very tender and sweet, 1-2 lb. 55c.; 1-4 lb. 35c.; 2 oz. 25c.; 1 oz. 15c.

EDMAND'S EARLY TURNIP BEET. (Fig. 2).

A splendid Beet in every particular, tops are small, of a rich bronzy red. The beets are of round form, very smooth, extra early, and of good marketable size. The skin is deep blood red in color; the flesh also is dark red. $\frac{1}{2}$ lb. 40c., $\frac{1}{4}$ lb. 25c., 2 oz. 15c., 1 oz. 10c.



◆ **CROSBY'S EGYPTIAN.** An improved strain of the Egyptian Beet; quite as early as the original strain, thicker, of better color and quality, and better shape. $\frac{1}{2}$ lb. 45c., $\frac{1}{4}$ lb. 25c., 2 oz. 20c., 1 oz. 10c.

◆ **ECLIPSE.** (Fig. 3.) Very early, round, blood red. $\frac{1}{2}$ lb. 35c., $\frac{1}{4}$ lb. 25c., 2 oz. 15c., 1 oz. 10c.

◆ **ARLINGTON.** Blood red. $\frac{1}{2}$ lb. 45c., $\frac{1}{4}$ lb. 25c., 2 oz. 15c., 1 oz. 10c.

EXTRA EARLY FLAT EGYPTIAN. (Fig. 5.)

The earliest of the turnip-shaped varieties, but if allowed to mature on rich loam grows out of proportion. $\frac{1}{2}$ lb. 40c., $\frac{1}{4}$ lb. 25c., 2 oz. 15c., 1 oz. 10c.

◆ **EARLY BLOOD TURNIP.** $\frac{1}{2}$ lb. 45c., $\frac{1}{4}$ lb. 20c., 2 oz. 15c., 1 oz. 10c.

◆ **LONG DARK, SMOOTH BLOOD RED.** A good late winter variety. $\frac{1}{2}$ lb. 35c., $\frac{1}{4}$ lb. 20c., 2 oz. 15c., 1 oz. 10c.

◆ **COVENT GARDEN HALF LONG.** The finest variety on record for winter use. $\frac{1}{2}$ lb. 40c., $\frac{1}{4}$ lb. 25c., 2 oz. 15c., 1 oz. 10c.

Except where priced, each variety is 5c. per pkt.

Borecole or Kale

This plant is used for furnishing greens for boiling during the early fall, winter and spring months.

◆ **DWARF GREEN SCOTCH CURLED.** Spreads early and rarely produces plants over 17 inches high; quite hardy. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.

◆ **TALL GREEN CURLED.** Grows about 3 feet high. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Broccoli

This plant bears heads resembling cauliflower, but

more hardy, gives splendid results in this Northwest country.

◆ **WALCHEREN WHITE.** Large white heads. Pkt. 5c., oz. 50c.

Brussels Sprouts

A splendid vegetable for boiling during late fall and winter months. The "sprouts" resemble small cabbage, growing closely on the stalk of the plant, a small head, or sprout, being formed at each leaf joint.

◆ **NEW GIANT.** Pkt. 5c., oz. 20c.

McKenzie's extra early Beet is not a "Dead Beat," but full money value every time.

CABBAGE
THREE MAIN CROP VARIETIES



Early Spring.

Fottler's Drumhead.

Autumn King.

CABBAGE.

Except where priced, each variety is 5c. per packet.

✓ **McKENZIE'S NORTHERN FAVORITE.**

It is now an admitted fact that the conical-shaped cabbage is of much finer quality than the drumhead sort. This variety is specially adapted to our rich prairie loam. The outward leaves are a lovely green and the centres beautifully blanched. No other sort equals it in earliness, size of head and genuineness of stock. You will always be an advocate of this cabbage when by personal test you know its merits. Pkt. 10c.; oz. 30c.; $\frac{1}{2}$ lb. \$1.00.

✓ **ALL HEAD.** (Early.) Heads are large flat, solid and a splendid early variety. 1 oz. 25c., $\frac{1}{4}$ lb. 70c., 1 lb. \$2.25.

✓ **EARLY SPRING.** A new extra early variety, head round and flat. 1 oz. 25c., $\frac{1}{4}$ lb. 75c., 1 lb. \$2.75.

✓ **IMPROVED EARLY JERSEY WAKEFIELD.** Heads very firm and compact, very early, and of conical shape, few outside leaves. 1 oz. 20c., $\frac{1}{4}$ lb. 65c., 1 lb. \$2.00.

✓ **WINNINGSTADT.** One of the best for general cultivation. 1 oz. 15c., $\frac{1}{4}$ lb. 45c., 1 lb. \$1.60.

✓ **BURPEE'S ALL-HEAD EARLY.** (Imported.) One of the earliest of large varieties, fully one-third larger than any of the earliest strains of early summer cabbage. Heads are deep, flat and solid. 1 oz. 20c., $\frac{1}{4}$ lb. 75c., 1 lb. \$2.25.

✓ **HENDERSON'S EARLY SUMMER.** A standard early variety, heads large and solid and nearly globe shaped, rarely bursts when fully matured. 1 oz. 20c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

✓ **EXTRA EARLY EXPRESS.** Very early, 4 or 5 days earlier than the Early Jersey Wakefield. 1 oz. 20c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.



McKenzie's Northern Favorite.



Half Head McKenzie's Northern Favorite.

With us quality first, price secondary; not "how cheap" but "how good."

CABBAGE—Continued.**Second Early Varieties**

◆**BRANDON MARKET CABBAGE.** For a general crop and money maker, this variety takes the lead. It is of fine drumhead form and in planting a field you can reckon on ninety-eight heads out of every one hundred, all of grand uniformity. Price: Pkt. 10c., 1 oz. 30c., $\frac{1}{4}$ lb. \$1.00.

✓**ALL SEASON'S.** One of the finest for second early or late, growing to a large size, a true sure-header. Price: 1 oz. 20c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

✓**SUCCESSION.** An excellent variety and similar to "All Season's." Price: 1 oz. 20c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.00.

✓**EARLY DUTCH DRUMHEAD.** Flat head. Price: 1 oz. 15c., $\frac{1}{4}$ lb. 40c., 1 lb. \$1.50.

✓**VANDERGAW.** The market gardener's cabbage; a sure header, large and solid. Price: 1 oz. 20c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

✓**FILDERKRAUT.** Solid pointed heads. Price: 1 oz. 15c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.65.

Late Varieties

✓**DANISH BALLHEAD.** This new and distinct variety, coming so highly recommended from a climate similar to our own, has proved its genuine merit. Heads round in form, 8 to 10 inches in diameter, and very solid; withstands drouth and succeeds better in poor soil than any other sort. 1 oz. 25c., $\frac{1}{4}$ lb. 75c., 1 lb. \$2.50.

✓**WORLD BEATER.** One of the largest cabbage in cultivation; heads uniform in size, slightly round on top, hard, solid and a rapid grower. 1 oz. 25c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.00.

✓**LUPTON.** An excellent winter cabbage; gave our 1903 customers perfect satisfaction. 1 oz. 20c., $\frac{1}{4}$ lb. 65c., 1 lb. \$2.00.

✓**MARBLEHEAD MAMMOTH.** Large flat head, a favorite with exhibition growers. 1 oz. 20c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

✓**FOTTLER'S DRUMHEAD.** An early main crop variety, heads large. 1 oz. 20c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.



✓**SUREHEAD.** Can always be relied on to head well. The heads are round, flat on top, hard and few outside loose leaves. 1 oz. 20c., $\frac{1}{4}$ lb. 65c., 1 lb. \$2.00.

✓**AUTUMN KING.** Extra large solid winter cabbage. 1 oz. 20c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.00.

✓**GIANT BRUNSWICK DRUMHEAD.** A later variety than Fottler's Drumhead. 1 oz. 20c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.00.

Savoy Cabbage

✓**SAVOY DRUMHEAD.** The largest heading sort, of excellent flavor, compact grower and splendid keeper. 1 oz. 15c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.65.

✓**NETTED SAVOY.** Green curled, grows like cos Lettuce. 1 oz. 15c., $\frac{1}{4}$ lb. 45c., 1 lb. \$1.60.

Red Cabbage

✓**EXTRA EARLY BLOOD RED DRUMHEAD.** Heads quickly, round, color deep red, hard and solid. 1 oz. 15c., $\frac{1}{4}$ lb. 45c., 1 lb. \$1.60.

✓**MAMMOTH RED ROCK.** The largest red variety. Interior is as rich a red color as the exterior. Heads are exceptionally hard. 1 oz. 20c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

CABBAGE PLANTS.—See page 26.

Kohl Rabi

Kohl-Rabi.

Kohl-Rabi is similar to turnip. The stem, just above the surface of the ground, swells into a bulb something like a turnip. It is cooked like the turnip and is highly prized for stock. It will bear drought well, and therefore a crop is more certain.

KOHL-RABI, EARLY WHITE VIENNA.

Green top, white flesh, popular, handsome, good flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

KOHL RABI—Continued

✓**EARLY PURPLE VIENNA.** Differs from the preceding only in color. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

✓**GOLIATH PURPLE.** As its name indicates, a perfect Goliath among its kind. Pkt. 10c., oz. 40c.

Egg Plant

✓**NEW YORK IMPROVED PURPLE.** An excellent variety, round shape. Pkt. 10c., oz. 60c.

✓**NEW WHITE.** Not so large as purple sorts. Pkt. 10c., oz. 75c.

Garlic

✓**FINE SETS.** Cultivated for their flavor, which is similar to the onion, but much stronger; used for seasoning pickles, stews, etc. $\frac{1}{4}$ lb. 10c., lb. 30c., post paid.

Distant fields seem bright, but genuine worth is in our Brandon Seeds.

CAULIFLOWER

McKenzie's Reliable Cultural Instructions on pages 4 to 6.

A suggestion to buyers of Cauliflower Seed. Buy the very best quality you possibly can. This applies more to cauliflower than to any other seed. High priced seed appears expensive, but results, as compared with the product of low-priced seed, cheap seed is expensive indeed. While we list here some of the cheaper varieties to suit some buyers, certain it is, that a waste of money is consequent.



A Trio of McKenzie's Early Snow Cap.

◆ **McKENZIE'S EARLY SNOWCAP.** Best of the Small-leaved Early Snow-ball Type; better than Snowball or Selected Erfurt. The plants are of strong growth, with erect, pointed dark green leaves growing closely about the head. It is remarkable both for its extra earliness and certainty with which the plants produce fine heads. In good soil the heads measure from eight to ten inches across, of pure, snowy white, with very close compact curd of extra fine quality. So extremely solid and deep are the nearly globe-shaped heads that they weigh heavier than other heads of equal size. Market gardeners growing Cauliflower on a large scale can plant **McKenzie's Early Snowcap Cauli-**



flower for both early and late crops, with full assurance that it is the finest and most reliable strain that can be procured. Pkt. 25c., 1/4 oz. 80c., 1/2 \$1.50, oz. \$3.00.

◆ **WORLD'S BEST, OR SNOWBALL.** This is an improved extra early strain, of dwarf, compact growth, that has become extremely popular. Under favorable conditions nearly every plant will make a fine solid head of good size. Pkt. 25c., 1/4 oz. 85c., 1/2 oz. \$1.50, 1 oz. \$2.75.



Early Dwarf Erfurt.

◆ **EARLY DWARF ERFURT.** The heads are of good size, solid and blanch finely. While less expensive than our choicest strains, this will be found to give quite good results in localities suited to cauliflower. Pkt. 25c., 1/4 oz. 75c., 1/2 oz. \$1.40, 1 oz. \$2.50.

◆ **HALF-EARLY, OR NONPAREIL.** A standard sort for general use. Pkt. 5c., 1/4 oz. 20c., 1/2 oz. 60c., 1 oz. \$1.00.

◆ **LE NORMANDS.** Short stemmed, good for main crop. Pkt. 5c., 1/4 oz. 20c., 1/2 oz. 60c., 1 oz. \$1.

CAULIFLOWER PLANTS.—See index.

MELON (Musk) -- CITRON

Musk Melon cannot be recommended for general cultivation in the Northwest. They may be grown with some success under cover, but few people have the time.

Citron are hardy and may be cultivated with splendid results.

PAUL ROSE, EMERALD GEM, EARLY HACK-ENSACK. To those who would like to try growing musk melon, we would suggest any one of these three varieties. There may be some

localities where these may be cultivated with limited success. Price of any variety same. Pkt. 5c., oz. 20c., 1/4 lb. 50c.

◆ **MELON, CITRON.** The common preserving red seeded variety makes clear, transparent, delicious preserves. Pkt. 5c., oz. 10c., 1/4 lb. 20c.

◆ **MELON, CITRON, COLORADO PRESERVING.** Green seeded, qualities for preserving are the very finest. Pkt. 5c., oz. 10c., 1/4 lb. 20c.

A. E. McKenzie & Co., Brandon.

Your seeds we have planted have germinated very well, growing very nice, healthy plants, superior to any we have grown before from seed purchased in the east. I will recommend your seeds to my friends and neighbors as superior to eastern grown seeds.

Yours truly, H. H. JENKINS, V.S.

Pincher Creek, Alta., May 15, 1902.

The remarkable growth of our business is one of the best evidences that our seeds give satisfaction.

CARROT

Garden Sort

For "Field" varieties see under Department No. 2, "Field Roots."

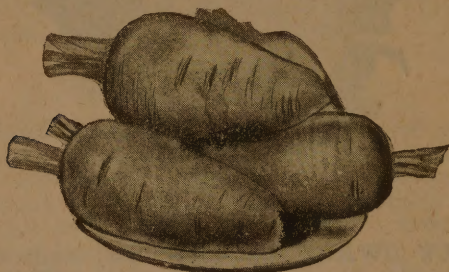
If ordered by express, deduct 5c. per pound.

McKenzie's Reliable Cultural Instructions on page 3.

McKENZIE'S GARDEN GEM

We have in this grand carrot a combination of excellent qualities, very symmetrical form (not too thick at the top), fine grained and tender, free from hard core, color deep golden orange. It can be harvested easily, and is immensely productive.

Customers ordering this variety, "McKenzie's Garden Gem," will observe cut on packet (when received) differs from this plate or cut. The artist made a mistake,

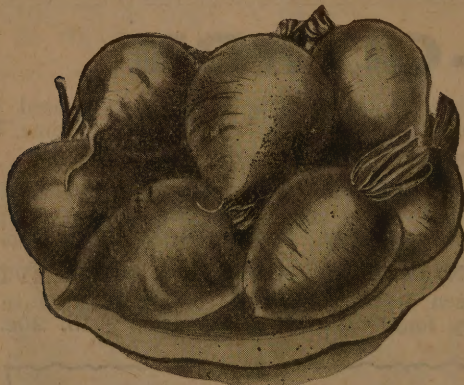


McKenzie's Garden Gem.

making it a long variety when it is not, and it was not noticed until after all packets were printed. We mention this as we try to have all our illustrations, both in catalogue and on packets, true to type.

Pkt. 10c., 1 oz. 15c., $\frac{1}{4}$ lb. 35c., $\frac{1}{2}$ lb. 60c.

◆**CHANTENAY.** A first class table variety, beautiful deep scarlet color, fine quality, medium early. Price: Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.



Guerande, or Ox-Heart.

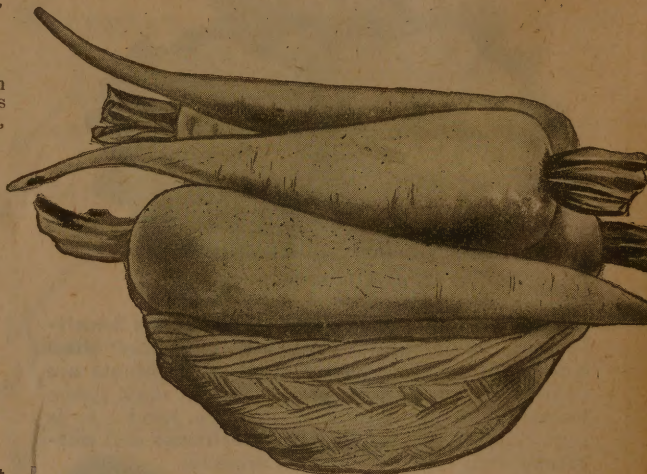
◆**GUERANDE OR OX-HEART.** The earliest for bunching, of short, thick form, as the name indicates, consequently can be used long before maturity, and is a great favorite with market gardeners. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.

HALF-LONG SCARLET NANTES. Stump rooted, a fine intermediary variety. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 70c.

HALF-LONG SCARLET LUC (DANVERS). One of the most popular sorts for general use. Bright scarlet, smooth and good size; early and productive. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 25c., 1 lb. 70c.

EARLY SCARLET HORN. Very early and short roots. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. 90c.

SCARLET INTERMEDIATE. A pointed root, color deep orange red, size between the Half-Long and Long Orange varieties. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 60c.



Scarlet Intermediate.

FRENCH FORCING. Very small, round and early. Pkt. 5c., 1 oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 75c.

Gourds

GOURD, DIPPER. Valuable for household purposes. Make dippers of various sizes, which will last years. Pkt. 5c., oz. 25c.

SUGAR TROUGH. They grow to hold from 5 to 10 gals. each, have thick, hard shells, but durable. Pkt. 5c., oz. 25c.

NEST EGG. Grows exact size, color and shape of an egg, and makes a very good nest egg. It is a rapid growing climber. Do not plant until danger from frost is over. Pkt. 5c., oz. 25c.

OUR AIM:

We aim to furnish seeds, not as good as procurable elsewhere, but **seeds of better quality and higher germinal test than can be procured ANYWHERE else.**

Satisfied—The seeds I obtained from you last year gave every satisfaction. You will receive my 1904 order in due time.—H. N. Maynard, Innisfail, Alta.

It is sometimes very costly to experiment in seeds; a whole year may be lost as well as your labor.

CELERY

In no country will this Queen of all Vegetables grow and produce better quality than in Manitoba and the North-West. She richly rewards every planter under proper treatment.

McKenzie's Reliable Cultural Instructions on page 4.

♦**BRANDON PRIZE.** Suitable for private use or export. It will pay the grower better than any other sort. Color, a rich dark green until earthed up. When the stocks blanch to a deep golden yellow they are exceedingly crisp and brittle. Full grown bunches attain immense size and heavy weight and are an excellent keeper. There is a very large proportion of finely blanched heart stocks. Pkt. 10c., 1 oz. 30c., $\frac{1}{4}$ lb. \$1.00.

♦**PARIS GOLDEN YELLOW.** (Golden Self-blanching). This is an excellent celery, very early, almost entirely self-blanching, very attractive golden yellow. A splendid keeper. We highly recommend it. Choice fresh stock. Pkt. 10c., oz. 65c., $\frac{1}{4}$ lb. \$1.75.

♦**WHITE PLUME.** Handsome, crisp and firm, of a rich, nutty flavor. It is the earliest known and unsurpassed for fall and early winter. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

♦**GIANT PASCAL.** This variety is now the standard for winter market, as the large bunches of broad, heavily ribbed stalks keep splendidly when stored for winter use. Plants are of strong vigorous growth, very stocky habit, with solid, thick and very broad leaf-stalks. Color a rich dark green until earthed up, when the stalks blanch to a deep golden yellow. It does not blanch so quickly as earlier sorts, but should be earthed up during growth and partially blanched before being stored for winter use. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

♦**GOLDEN HEARTED DWARF.** Medium size. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Paris, or Golden Yellow.

"There's money in it." Yes, good money in growing celery. At the date of this writing celery is being imported by Brandon merchants, paying 50c. per dozen. Yes, there is big money in it for either the amateur or specialist.



Brandon Prize Celery.

Red Varieties

✓ **PARIS ROSE-RIBBED.** This beautiful new celery is a sport from the well-known Golden Self-Blanching, differing from that variety only in the handsome rose-tinted ribs, from which its name is derived. Pkt. 10c., 1 oz. 55c., $\frac{1}{4}$ lb. \$1.50.

✓ **NEW ROSE.** Hardy and a good keeper, a very rich flavor; handsome rose color. Pkt. 5c., 1 oz. 25c., $\frac{1}{4}$ lb. 75c.

✓ **LONDON PRIZE RED.** A beautiful red celery and does exceedingly well in this country. You ought to try this. Pkt. 5c., 1 oz. 25c., $\frac{1}{4}$ lb. 75c.

✓ **CARTER'S DWARF CRIMSON.** A strong grower, crisp and good flavor. Pkt. 5c., 1 oz. 20c., $\frac{1}{4}$ lb. 60c.

CELERY PLANTS.—See page 26.

CORN—Sweet or Sugar

Except where priced, each variety is 5c. per packet.
Remember, we pay postage on Corn. If ordered by Express deduct 5c. per pound.



Northern Success
positively heads the
list for earliness,
sweetness, appear-
ance and yield.

—A Stalk of McKenzie's
Northern Success.

McKenzie's Northern Success Corn.

FOUND AT LAST!

Always on the alert for good things, it is with feelings of intense satisfaction that we introduce this new Table Corn. Nothing in the seed line will be hailed with greater joy.

What a delicious, wholesome article is nice table corn fresh from the home garden! Nothing can take its place. How can our cousins from the south survive without it! It was worthy of a mighty effort to develop a variety suitable for growing in this great country. We hear "Well done, well done," from thousands upon thousands.

Ten days earlier than any other variety

This means wonders and when combined with its other characteristics, it will be seen what a great corn "McKenzie's Northern Success" is. In addition to extreme earliness, it surpasses any other Sweet Corn in tenderness and sweetness; in fact, it is the sweetest corn known. In habit of growth it is very distinct, stalks being from 3 to 4 feet high, 3 to 5 ears on the stalk; cobs about 6 inches long, of perfect form and just right size for the table. Viewing it from all points the impression must prevail that Northern Success is a wonder and fills its own sphere to perfection.

GARDENERS MAKE MONEY

There is a great chance to make money with this new corn. You can't raise too much for the demand. Everybody is hungry for a good sweet corn. Pkt. 10c., 1b. 25c., 5 lbs. \$1.05. Please remember all prices on corn are postage paid.

A number of very good varieties which succeed well elsewhere, we do not list, being worthless for the Northwest.

♦ **FIRST OF ALL.** The Cory is an early variety, but "First of All" is one week earlier, which is most advantageous for Northwest gardens. Color of cob red. 1b. 20c., 5 lbs. 85c.

♦ **EARLY WHITE CORY.** (Mammoth White.) A very white variety with good sized ears and large grains, excellent for market, and has attained wide popularity. 1 lb. 20c., 5 lbs. 85c.

♦ **CORY (RED COB).** Similar in all points to the Early White Cory, except in color. 1 lb. 18c., 5 lbs. 70c.

♦ **EXTRA EARLY MINNESOTA.** One of the best early varieties, dwarf habit and good quality. A favorite with many of our American friends. 1 lb. 20c., 5 lbs. 85c.

♦ **MITCHELL'S EXTRA EARLY.** A splendid variety, early and reliable. 1 lb. 20c., 5 lbs. 85c.

♦ **THE NORTH-WEST (OLD SQUAW).** Very early, does well in this country, delicious flavor. Although we list this here with the sweet sorts, it is not a sugar variety, but a "flint corn;" we place it here because it is a favorite for table use. 1 lb. 20c., 5 lbs. 90c.

Popcorn

♦ **WHITE RICE.** Ear white and filled. 1 lb. 15c., 5 lbs. 65c.

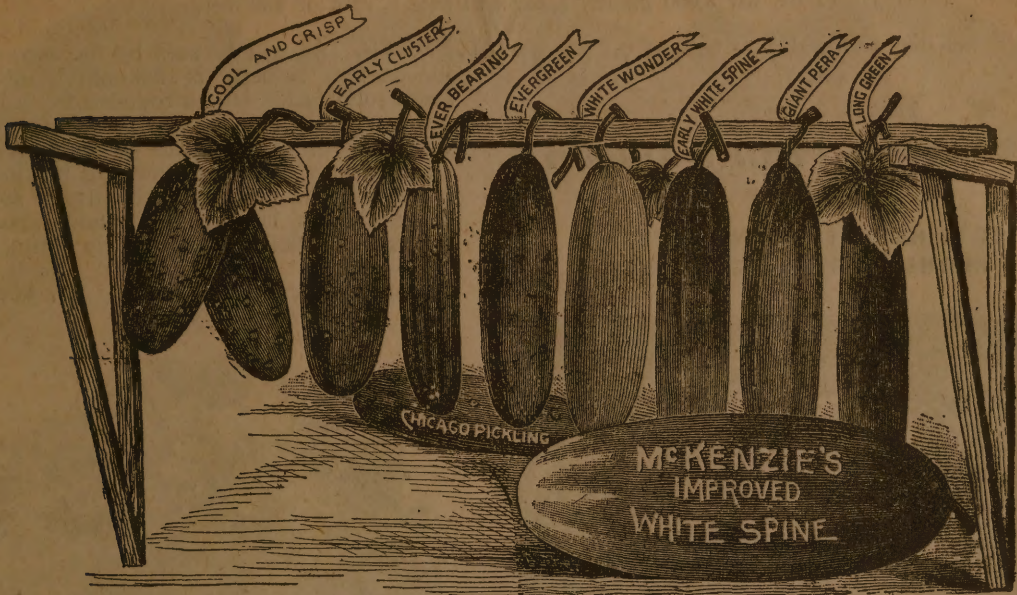
♦ **GOLDEN QUEEN.** Excellent for popping. 1 lb. 15c., 5 lbs. 65c.

Write for special prices on Pop Corn in bulk for popping. We are in a position to sell this kind very cheap. It is a splendid delicacy to have in the home on long winter evenings around the fireside, especially for the children.

With us "quality" first; "price" secondary: not "how cheap," but "how good."

CUCUMBER

McKenzie's Reliable Cultural Instructions, page 4. Except where priced, each variety is 5c. per pkt.



(1 oz. to 50 hills; 2 to 3 lbs. in hills for an acre).

McKENZIE'S PROLIFIC

A remarkable fine strain of cucumber. Above illustration should read "McKenzie's Prolific." Eminently suitable for market, tabling and pickling purposes. It is exceedingly early; color deep green; fruits begin to appear when the vines are quite young; are of medium size and very uniform. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 80c.; 1 lb. \$2.50.

♦**COOL AND CRISP.** Extra early, very prolific; medium size; of dark color, and good either for pickling or slicing. 1 oz. 20c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.00.

♦**EARLY CLUSTER.** Color, dark green; size very uniform, about 5 inches long; very prolific. 1 oz. 15c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

♦**EVER BEARING.** Vines bear continuously; fine quality. 1 oz. 20c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.00.

♦**EVERGREEN.** Quite popular with many growers. 1 oz. 15c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

♦**CHICAGO PICKLING.** A good standard variety, finest medium length, pointed at each end, color deep green, thickly spined. 1 oz. 15c., $\frac{1}{4}$ lb. 50c., 1 lb. \$1.75.

♦**WHITE WONDER.** White skin, nice for home use. 1 oz. 15c., $\frac{1}{4}$ lb. 45c., 1 lb. \$1.45.

♦**FORDHOOK WHITE SPINE.** A very handsome and uniform early variety. It is very productive, crisp and of fine flavor. 1 oz. 20c.

♦**GIANT PERA.** Size large, sometimes measuring nearly 12 inches, smooth surface and beautiful green skin; flavor very choice and tender. 1 oz. 20c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.00.

♦**LONG GREEN.** Long and crisp; a popular and reliable variety for pickles. 1 oz. 20c., $\frac{1}{4}$ lb. 60c., 1 lb. \$2.25.

Mango Melon

(Known to some as Vegetable Peach, or Vine Peach). This peculiar vegetable, peculiar because somewhat new, grows on a vine similar to citron or melon, is golden yellow in color, resembling an orange in shape and size, flesh snow white. They are used fried like an egg plant, when green they also make splendid mangoes, stuffed with cabbage like peppers. When they first ripen they are quite hard and tasteless, but they soon become mellow and sweet, and have a very rich flavor. For sweet pickles, pies or preserving they have no equal. They succeed well in the Northwest, being early, hardy and very productive. Pkt. 5c., oz. 15c.

Mushroom

An edible fungus, very delicious and nutritious. It produces no seed but instead there is developed a white fibrous substance in broken threads, which is preserved in manure, pressed in form of bricks. Mushrooms grow naturally in great profusion

throughout all parts of our western prairies. This fact, and the increasing demand for the spawn, warrant our giving it considerable prominence. As the cultivation is not generally understood, we have prepared printed instructions in a concise form for growing them, a copy of which goes with every order sent out. Will also be pleased to mail a copy to any one asking for it.



Mushroom.

ENGLISH SPAWN.

Imported by us direct from England, quality of which we guarantee. Per brick, 25c., 5 for \$1.00, postpaid.

We do not recommend the use of French Spawn, but will fill orders if our customers so desire.

Our Catalogue is the safest for Manitoba and the North-West.

LETTUCE

(1 oz. for 3,000 plants. 1 oz. will sow a row of 100 feet).

McKenzie's Reliable Cultural Instructions on pages 4 and 5.

Packets 5c. each.

McKenzie's Prairie Queen Lettuce

"FIRST IN HEAD; FIRST IN MARKET;
FIRST IN THE HEARTS OF GARDENERS."



McKenzie's Prairie Queen.

This is the unanimous testimony of all growers of this phenomenal lettuce. The beautiful heads are packed with crumpled leaves, blanchd creamy light green, very tender, remarkably crisp and very sweet. It excels all other varieties for its adaptability for early spring planting or cold frame culture. It heads quickly and surely, and in consequence is ready for use very early. It is a compact growing variety, the plants do not spread over about 8 or 9 inches, enabling them to be closely packed. The very sight of its interior is appetizing; moreover it keeps well from wilting after cutting, splendid for shipping. For the QUEEN of all lettuce buy "McKENZIE'S PRAIRIE QUEEN." Tasty, delicious. Oz. 20c., $\frac{1}{4}$ lb. 65c.

✓ **GRAND RAPIDS.** This variety differs from the preceding, inasmuch as it does not form heads, but makes large, compact bunches of light leaves with finely curled or fringed edges. A vigorous grower, keeps crisp and without wilting when on exhibit for sale. It is one of the best varieties for early spring sowing. Popular wherever used. Oz. 15c., $\frac{1}{4}$ lb. 35c.

✓ **NONPAREIL.** A good standard sort for general use, heads firm, tender and crisp, of a yellowish green color. Oz. 20c., $\frac{1}{4}$ lb. 50c.

✓ **NEAPOLITAN.** Dark green cabbage variety, with curled heart, well filled, slow in going to seed. Oz. 20c., $\frac{1}{4}$ lb. 60c.

✓ **ICEBERG.** As will be seen by the accompanying illustration, "Iceberg" is strikingly beautiful. The large solid heads are surrounded by bright light green curly leaves. It is a noteworthy fact that the large white main ribs of the leaves curve strongly into the centre, binding the inner cabbage-like head, making it a handsome solid, thus preventing the leaves opening and exposing the centre. Whether headed in early spring or during severe hot days in summer, the leaves are exceptionally crisp and tender. Oz. 15c., $\frac{1}{4}$ lb. 60c.



Iceberg.

✓ **CALIFORNIA CREAM BUTTER.** A popular variety in the South, a compact header, very crisp, the outside leaves, however, are not of a very marketable color. Oz. 15c., $\frac{1}{4}$ lb. 35c.

✓ **BIG BOSTON.** Fine for forcing in cold frames or open ground. Heads very large. Oz. 15c., $\frac{1}{4}$ lb. 40c.

✓ **BLONDE OR STONEHEAD.** Large size cabbage variety, heads firm, crisp, fine and light in color. Oz. 20c., $\frac{1}{4}$ lb. 65c.

✓ **TORONTO GEM.** Very curled, light yellow in color, good heart and very tender when young. Oz. 15c., $\frac{1}{4}$ lb. 40c.

✓ **DENVER MARKET.** Heads large and compact, color light green, nicely fringed. Oz. 15c., $\frac{1}{4}$ lb. 35c.

✓ **HANSON.** Very large and solid, one of the best for home use. Oz. 15c., $\frac{1}{4}$ lb. 35c.

Cos Varieties



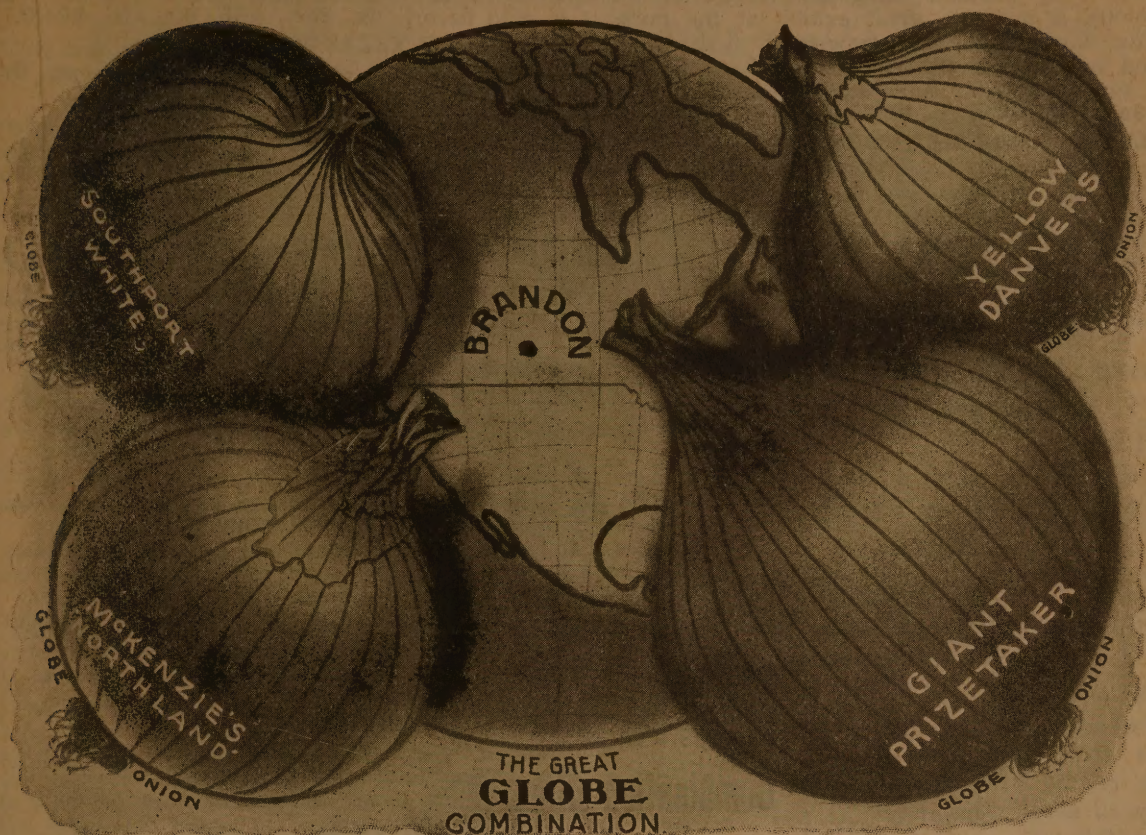
Paris White Cos.

✓ **PARIS WHITE COS.** Upright, crisp and tender. Oz. 15c., $\frac{1}{4}$ lb. 45c.

GREEN COS. Large dark green heads. Oz. 15c., $\frac{1}{4}$ lb. 40c.

The World doesn't produce a better Lettuce than our "Prairie Queen."

ONION SEED (Selected)



Selected and Tested

The Onion is very valuable both as food and medicine, and is perhaps more universally grown than any other vegetable. Recognizing these facts, it is of the utmost importance that good seed be obtained for our customers and we are very jealous of our reputation in this matter.

Seed superior in every respect is wanted so as to produce



**More Onions
With shorter necks**

**Of more uniform size
Of better quality**

than can be raised in any other section.

Prices include prepayment of postage by us.
If ordered by express or freight deduct 5c. per pound.

Except where priced each Packet is 5c.

MCKENZIE'S NORTHLAND, A great Onion for a great country like Western Canada.

We claim emphatically that this is the very best of Onion Seed that can be obtained from any source that we know of. Our grower takes particular pains with this onion; the seed costs us more but we feel justified in paying the price. At the start, in selecting this onion, we entered very fully into its merits, and decided we were safe in banking on this variety as the onion for general cultivation throughout the Canadian West. And reports from all parts prove the wisdom of our selection. With the care given this stock, nearly every seed should produce a good-sized onion. In appearance the "NORTHLAND" is large, of handsome globe form, light yellowish-brown color, a good keeper and of finest quality. **Pkt. 10c.; oz. 25; 1/4 lb. 50c.; lb. \$1.75.**

◆ **AUSTRALIAN BROWN.** This variety has only been before the public a few seasons, but is growing in favor all the time and is certainly worthy of extended cultivation. It is of medium size, though growing quite large at times, is very early, ripens evenly with bulbs very uni-

form, solid and free from stiff-necks or scallions; of a pale reddish-brown color, quite distinct from any other variety. Altogether it is a very attractive and first class onion. **Oz. 15c., 1/4 lb. 30c., lb. \$1.75.**

See Australian Brown, illustrated on cover.

The seed business is one of confidence; find out the True and stay by it.

✓ **GIANT PRIZE-TAKER.** This variety has become very popular, being the largest of all onions, it makes a great exhibit at the fairs. The skin is a yellow straw-color, flesh white and very fine flavor. It ripens up hard, having a small neck and is an excellent keeper. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.30.

✓ **YELLOW GLOBE DANVERS.** A standard variety for the west. Color yellowish brown, perfect globe shape, large size, heavy cropper, excellent keeper. A splendid market onion. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

✓ **EXTRA EARLY RED.** Very early, medium size, good keeper, especially adapted to this Northwest country, where seasons are short. Oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.10.

✓ **LARGE RED WETHERSFIELD.** The standard red sort. It attains a large size; excellent flavor and a good keeper. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.20.

✓ **RED GLOBE.** A standard red globe; very productive and a splendid keeper. Oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.35.

Some seedsmen offer a mixture of several varieties of Onion seed. We prefer to keep each variety distinct, realizing that one of the great pleasures of gardening lies in growing each kind by itself, and noting the differences in form, &c., &c. In this way the grower may tell from his own experience the varieties that best suit his wants.

Why not try a row of our splendid Globe sorts? One ounce will sow 100 feet of a drill. Here's our offer:—

Now, this is a World Beater combination. It will make you a great garden, win the prizes at the fair, feed the family all winter, and neighbors will buy the rest.

McKenzie's Northland	one oz.	25c.
Giant Prizetaker	"	15
Yellow Danvers	"	15
Southport White	"	25

Combination Offer:

At Regular Prices	80
"Combination" Offer	65

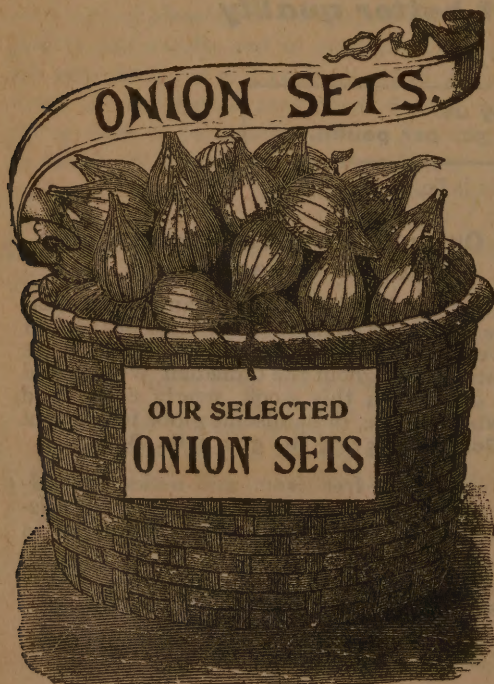
Or, Red Wethersfield may be substituted for the Yellow Danvers, if desired.

Onion Sets

Most reports indicate that Onion Sets the past season grew too large in size, and as a result, choice seed may be somewhat scarce. However, we have taken special pains to obtain the right article, and **our Stock is of small size, firm and clean.** Cultural Instructions pages 4 and 6.

Order early to ensure getting the best.

(PRICES INCLUDE POSTAGE).



It would pay you to get PROF. GREEN'S Book, "Full of Pointers" on how to grow Onions and all other Vegetables. Price \$1.25 postpaid. See index under books.

If ordered by express, deduct 5 cents per pound. We quote and sell by measure on account of shrinkage in weight.

✓ **DUTCH SETS (YELLOW).** To grow for early bunching, or if left to mature, they grow to a large onion. Per pint 15c., quart 25c., 2 quarts 45c.

DUTCH SETS (WHITE). Much the same as yellow, except in color, and not such a good keeper. Per pint 20c., quart 35c., 2 quarts 65c.

✓ **SHALLOTS.** A very early and popular multiplier. Per quart 20c., 2 quarts 35c.

✓ **NEW WHITE MULTIPLIER.** This has been called white Shallot, but is a splendid mild variety, and immensely productive. Per pint 20c., quart 35c., 3 quarts \$1.00.

TOP OR BUTTON. Used instead of seed. Per pint 20c., quart 30c.

✓ **EGYPTIAN OR PERENNIAL.** An entirely distinct variety. When once set out, without winter protection, will come up year after year early in spring and grow very rapidly. Per quart 20c., 2 quarts 35c.

✓ **ENGLISH POTATO ONIONS.** This is a multiplier, producing onions from 2 to 3 inches in diameter, very mild, but not very good keeper. 1 lb. 20c., 2 lbs. 35c.

WRITE FOR PRICES ON A QUANTITY.



Each Packet 5c. Prices include prepayment of postage, excepting where noted.

PEAS

If ordered by express deduct 5c. per pound, (1 lb. to 40 ft. of drill, 2 to 3 bush. per acre.)

EXTRA EARLY SORTS.

◆ McKenzie's Extra Early Manifold

This grand, extra early, large podded, wrinkled Pea has given wonderful satisfaction. Wherever grown it is in big demand. One neighbor tells another of the exceptional merits of this, the acme of all wrinkled Pea varieties. Some of the distinctive merits of McKenzie's Extra Early Manifold are: It begins bearing very early large pods, which are usually three inches in length, packed full to the square ends with Peas of large size and unusually delicious flavor; vines, which are only 12 to 14 inches high, require no stakes. The uniformity of the crop, combined with the many excellent qualities of "Manifold," render it a delight to the picker. **Lb. 35c. postpaid; peck \$2.50 by express at purchaser's expense.**



AMERICAN WONDER. This green wrinkled variety still remains a leading early favorite for home and market. Its dwarf habit, compact growth and productive vines of very choice peas give it a desirable place in rank with other varieties. We recommend, however, a rather later variety for high, dry land..

Length in inches	Postage Paid	By Exp. at Purchaser's Expense
1 lb		
10	30	2 35

PREMIUM GEM. A choice variety, pods well filled with large peas of splendid quality. We commend it to market gardeners and others desiring a dwarf pea that does not require support..

16	30	2 25
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✓ **◆NOTT'S EXCELSIOR.** One of the most valuable of all Dwarf Early Wrinkled Peas. It is of vigorous constitution and wonderfully productive, in which respect it excels such rivals as American Wonder, but not quite so early

Length in inches	Postage Paid	By Exp. at Purchaser's Expense
1 lb		
15	30	2 40

✓ **◆MCLEAN'S LITTLE GEM.** A reliable grower; productive, large pods filled with peas of a delicious flavor

18	30	2 25
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PHILADELPHIA EXTRA EARLY.

A small white variety resembling in appearance a small field pea. It is earlier than any of the green wrinkled sorts, and productive; vines slender

18	25	1 75
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✓ **ALASKA.** Seeds blue, very early, uniform good flavor

24	25	1 75
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✓ **◆WM. HURST.** A dwarf compact-growing variety similar to *American Wonder*; hardy and very prolific; pods are 3 inches long, well filled with large peas. Pods mature uniformly at one time, enabling the whole crop to be taken off at one or two pickings

10	30	2 25
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✓ **PROSPERITY OR GRADUS.** A new, large, early, wrinkled pea of recent introduction, very fine flavor, but not so productive as some sorts. We would term this the gentleman's pea..

26	35	
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Every Seedsman claims to have THE Pea. McKenzie's Manifold will "win out" on the Western turf.

PEAS—Continued

SECOND EARLY OR MAIN SORTS

	Length in inches	Postage Paid	By Exp. at Purchaser's Expense
✓ NORTHERN QUEEN. This is a handsome variety, magnificent pods, filled with large, fine-flavored peas....	18	30	
✓ HEROINE. An abundant yielder, large and wrinkled, fine flavor..	30	25	2 00
✓ STRATAGEM. Very popular with market gardeners for main crop..	8	25	2 00
✓ CHAMPION OF ENGLAND. A well known standard variety; sow thickly	50	20	1 45
✓ DUKE OF ALBANY. This stands as a peer for size and quality, but not so productive as others	36	25	1 90
✓ YORKSHIRE HERO. A good reliable.. ..	30	20	1 50
✓ TELEPHONE. Large and of good quality; late....	50	25	1 85

✓ SHROPSHIRE HERO. Very productive, quality fine. Both pods and peas very large.. ..	42	25	1 75
✓ BLISS EVERBEARING. Large pods	24	25	1 50

Length
in inches
Postage
Paid
By Exp. at
Purchaser's
Expense

Sugar or Edible Podded Peas

These are cultivated for their pods, which are very tender and sweet when gathered young. They are used similarly to green beans.

✓ **DWARF SUGAR.** Usual height, 2 feet. $\frac{1}{4}$ lb. 20c., lb. 60c.

✓ **GIANT.** Grows about $4\frac{1}{2}$ feet high. $\frac{1}{4}$ lb. 20c., lb. 55c.

All Packets of Peas 5c. each.

Please don't forget McKenzie pays the postage, but if ordered by Express, deduct 5 cents per pound on pound orders.

For "Field Peas" see under "Field Grains" about prices on Field Peas.

PARSLEY

(1 oz. for 150 ft. of drill).

✓ **CHAMPION MOSS CURLED.** Leaves beautifully curled. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

✓ **TRIPLE CURLED.**

Dwarf and very curled. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

PARSNIP

(1 oz. to 100 ft. of drill, 5 lbs. to an acre, sown 15 to 18 inches apart).

✓ **MANITOBA PRIZE INTERMEDIATE.**

This variety is gaining great popularity. It is a handsome clean grained root, without any hard core, a heavy cropper and much easier handled than the longer sorts.

Manitoba Prize Intermediate Parsnip

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 75c.

✓ **HOLLOW CROWN.** A market gardener's strain, very long. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

PEPPER

✓ **RUBY KING.** Beautiful bright red fruits, 4 to 6 inches long; very mild; one of the best for stuffing. Pkt. 5c., oz. 40c.

✓ **MAMMOTH GOLDEN DAWN.** Bright yellow, and very mild flavor. Pkt. 5c., oz. 40c.

✓ **LONG RED OR CAYENNE.** Long, slender scarlet fruits. Pkt. 5c., oz. 40c.

✓ **FANCY WRINKLED.** (Mixed). Very ornamental as well as useful. Pkt. 5c., oz. 50c.

PUMPKIN

✓ **LARGE CHEESE.** Flat; one of the best varieties for family use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

✓ **LARGE FIELD.** A large yellow variety; best for field culture. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

✓ **MAMMOTH OR JUMBO.** The name is suggestive. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.

✓ **SUGAR, SMALL.** Small, yellow, fine grained, sweet and prolific. Some of our customers like this the best of any. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.75.



Large Cheese.

The seeds I got from you last spring did well indeed. I wish you all success.

MISS M. STONE, Danvers.



RADISH

All Packets 5c. each. (1 oz. for 100 feet of drill, 9 to 10 lbs. per acre).

Deduct 5c. per lb. if ordered by express.

Provision should be made in every garden for a few Radish. They can be grown so easily.

"Turnip Rooted" and the "Olive Shaped" are the best varieties for sowing as succession crops in the summer. The winter varieties should be sown about 1st of August.

McKENZIE'S ROSY GEM

(Illustrated above and also on cover.) The widespread demand for this beautiful radish affords us pleasure in recommending this delightful relish to our customers for 1904. For early forcing and bunching it cannot be surpassed, perfectly round, bright scarlet, with waxy white tip, flesh snowy white. All lovers of this popular vegetable will be delighted with this variety.

Oz. 20c., $\frac{1}{4}$ lb. 35c., 1 lb. \$1.00.

TURNIP-SHAPED VARIETIES.

EARLY SCARLET BALL. Small round roots, of very quick growth, color deep scarlet. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 60c.

EARLY SCARLET WHITE TIPPED. Very early, largely used for growing under glass and outdoors. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

EARLY WHITE GLOBE. Suitable for forcing, flesh pure white and sweet. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 60c.

OLIVE-SHAPED.

EARLY FRENCH BREAKFAST. Pink and white, early. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

WHITE. Mild and fine for summer. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

EARLY SCARLET. Pure scarlet. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

OLIVE GEM. White tipped, a very desirable sort. Oz. 15c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.

LONG SCARLET.

CHARTIER. Longest of the red sorts, white tipped, excellent quality. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

WOOD'S EARLY FRAME. One of the best for forcing. Long, red, crisp. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 60c.

ICICLE. (New). (White). This superb new Radish is the finest and longest of the very early pure white varieties. Planted in spring the young radish are ready for use in twenty to twenty-five days from sowing the seed, and their long slender form and pure-white skin are most attractive when bunched for market. Flesh crisp, tender and mild, flavor is superior to the White Vienna or Lady Finger. It is a splendid Radish for forcing purposes or successive plantings. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 75c.

WHITE NAPLES. Pure white, slender, for summer use. Oz. 15c., $\frac{1}{4}$ lb. 25c., 1 lb. 85c.

WHITE VIENNA OR LADY FINGER. Pure white, delicate, tender. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

WINTER VARIETIES.

SCARLET CHINA. (China Rose, Winter). Bright rose colored, white tipped. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

WHITE CHINA. Skin and flesh white. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

CALIFORNIA MAMMOTH. Roots grow 8 to 10 inches long, 2 to 3 inches in diameter, flesh white, solid and excellent flavor. Oz. 15c., $\frac{1}{4}$ lb. 25c., 1 lb. 75c.

BLACK SPANISH. Black skin, flesh pure white, one of the best for winter use. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 60c.

FAMILY RADISH MIXTURE.

SUMMER VARIETIES. This is a mixture of all the Early and Medium Summer Varieties of all shapes and sizes, some of which will be ready earlier than others, giving a succession of varieties for the family table. Oz. 10c., $\frac{1}{4}$ lb. 20c., 1 lb. 70c.

ALL PACKETS RADISH 5c. EACH.

To see a bunch of "Rosy Gem" Radish is to be captivated.



Horse Radish Roots

STRONG ROOTS. 5c.
each, 30c. per dozen,
\$1.60 per 100, postpaid.

Rhubarb

JOHNSTON'S ST. MARTIN. The finest and one of the earliest rhubarbs, grows to enormous size, delicious flavor, color delicate pink. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

◆ **MYATT'S LINNEAS.** A second early sort, with very long, thick, roundish stock, superb flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

✓ **VICTORIA.** Somewhat later than "Myatt's Linneas;" stocks red, thick, large, tender, of good quality. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Rhubarb Roots

✓ **JOHNSTON'S ST. MARTIN.** 15c. each, $\frac{1}{4}$ dozen 85c., 1 dozen \$1.50, postpaid.

Squash

(1 oz. for 50 hills).

All packets Squash and Marrow 5c. each.

McKenzie's Reliable Cultural Instructions on pages 4 and 6.

Specimens of Squash and Marrow exhibited at Brandon and Winnipeg Horticultural Shows, as well as fall shows at other points, demonstrate most emphatically the success with which these may be cultivated in the Northwest. We desire here to make special mention of the Extra Early Orange Marrow.



SUMMER SORTS.

✓ ◆ **EARLY YELLOW BUSH.** Scalloped, deep orange color. Not as early as the White Bush. Oz. 15c., $\frac{1}{4}$ lb. 45c.

✓ **EARLY WHITE BUSH.** Scalloped. Similar to above, except the flesh is creamy white. Oz. 15c., $\frac{1}{4}$ lb. 40c.

✓ **CROOKNECK.** Yellow fruit, long shape, very early. Oz. 15c., $\frac{1}{4}$ lb. 40c.

✓ **PERFECT GEM.** Round, white, very productive, orange flesh of fine color. Oz. 15c., $\frac{1}{4}$ lb. 45c.

Vegetable Marrow

✓ ◆ **ENGLISH.** The true English strain; cream-color, merging into deep yellow; white flesh; about 12 to 14 inches long. Oz. 20c., $\frac{1}{4}$ lb. 60c.

✓ **LONG WHITE BUSH MARROW.** Somewhat longer than "English." Bush form, fruit 18 inches long. Oz. 20c., $\frac{1}{4}$ lb. 60c.

✓ **CHICAGO WARTED HUBBARD.** A decided improvement of the well-known Hubbard sort, excellent keeper, color dark green. Oz. 15c., $\frac{1}{4}$ lb. 45c.



A BIRDS-EYE VIEW OF ONE OF OUR DEPARTMENTS WHERE MAIL ORDERS ARE PROMPTLY PREPARED.

WINTER VARIETIES.

These are best varieties to keep over winter.

◆ **EXTRA EARLY ORANGE MARROW.** This variety excels anything on this list of either Squash or Vegetable Marrow for pie purposes. Ripens earlier than any other variety, splendid winter keeper; in fact, a specimen exhibited at Brandon Horticultural in August, 1902, was exhibited at next Horticultural in August, 1903, in apparently as good condition. Early Orange is of medium size, color true orange, both inside and out, delicious sweet flavor. Oz. 15c., $\frac{1}{4}$ lb. 45c.

BOSTON MARROW. Oval, bright orange, flesh yellow and fine, good size. Oz. 15c., $\frac{1}{4}$ lb. 40c.

FORDHOOK. One of the best winter sorts, fine quality. Oz. 15c., $\frac{1}{4}$ lb. 45c.

GOLDEN HUBBARD. (New). An improved strain from old "Hubbard" squash, superior in quality and size. Oz. 15c., $\frac{1}{4}$ lb. 60c.

Spinach

(1 oz. for 100 feet of drill, 10 to 12 lbs. per acre).

✓ ◆ **VICTORIA.** (New). Extra dark black green color. Two or three weeks later than the "Long Standing." A fine variety for spring sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

✓ **LONG STANDING.** (Round, thick-leaved). Leaves large and thick, very long standing before running to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

✓ **CURLED-LEAVED SAVOY, OR BLOOMSDALE.** Large, curled and wrinkled leaves, tender and of the finest flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

✓ **ROUND OR SUMMER.** Good for main crop. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

Salsify or Vegetable Oyster

Used for soups, stews, etc., and resembles the oyster in flavor.

✓ **MAMMOTH SANDWICH ISLAND.** Grows uniformly to an extra large size. Roots of superior quality and excellent flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

✓ **LONG WHITE.** Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

We are Seedsmen to the Canadian West. You may go farther and fare worse.

TOMATO

(1 oz. to 1,500 plants).

Cultural Instructions on page 5.

Except where noted, price per packet 5 cents.

Special care is required for the successful cultivation of Tomatoes in this country, owing to the shortness of the ripening season. We drop from our list those varieties unsuitable to the Northwest.

✓ MCKENZIE'S FIRST OF ALL.

This is one of the very best large-fruited, bright-red Tomatoes. It possesses those features essential to the country—earliness, fruit of handsome size and immense yielder. The fruit is so firm that ripe specimens picked from the vine will keep in good marketable condition for a couple of weeks. Tomatoes are borne in large clusters of 7 and 8 on a stock. Excellent for private use or market. Give it a trial. **Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c., $\frac{1}{4}$ lb. \$1.75.**

✓ **SPARK'S NEW EARLIANA.** This is the earliest tomato of good size now in cultivation and will be a welcome acquisition to our northern gardens. The plants are quite hardy but not of such robust growth as later sorts. The tomatoes are bright scarlet, of medium size. One plant yielded 45 ripened fruits at first picking. This tomato gives splendid results in this country. **Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 60c., $\frac{1}{4}$ lb. 85c.**

✓ **MATCHLESS.** This has given excellent results everywhere, yielding abundance of beautiful bright red fruit, a grand favorite for both market and family use. **Oz. 30c., $\frac{1}{4}$ lb. 85c.**

✓ **STONE.** Much resembles Matchless in every way. Is a great favorite with market gardeners. **Oz. 25c., $\frac{1}{4}$ lb. 75c.**



✓ **EXTRA EARLY ATLANTIC OR EARLY RUBY.** For earliness, next to Spark's New Earliana; it is a splendid variety, very prolific, fruit extra fine. **Oz. 25c., $\frac{1}{4}$ lb. 75c.**

✓ **IMPERIAL.** A large and very productive sort, suitable for cool, moist soils. **Oz. 25., $\frac{1}{4}$ lb. 75c.**

✓ **IGNOTUM.** A popular variety, fruit rich, good color. **Oz. 25., $\frac{1}{4}$ lb. 75c.**

✓ **CANADA.** A heavy yielder and excellent shipper. **Oz. 25., $\frac{1}{4}$ lb. 75c.**

Small-Fruited Tomatoes

✓ **STRAWBERRY OR GROUND CHERRY.** The small yellow fruits are each enclosed in a husk or covering. The fruits are of very sweet flavor, highly esteemed for preserving or making pies. This should be a good variety for the Northwest, where cultivated fruit is not plentiful. **Pkt. 10c., oz. 60c.**

✓ **CHERRY RED.** Used for pickles, very handsome. **Oz. 50c.**

✓ **YELLOW PLUM-SHAPED.** Round and regular. **Oz. 50c.**

✓ **RED PEAR-SHAPED.** A favorite for preserves. **Oz. 65c.**

TOMATO PLANTS.—See page 26.

Tomato Plants

See page 26.

EXHIBITORS AT EXHIBITIONS

Customers exhibiting products of MCKENZIE'S SEEDS are requested to advise us and we will promptly forward by mail cards to affix.



Guard against Tomato varieties that are not self-fertilizing, unless you keep bees. McKenzie's "First of All" and "Early Ruby" may go anywhere.

GARDEN TURNIP

(1 oz. for 150 feet of drill, 2 lbs. per acre).

"Field Varieties," see under "Field Roots."

Cultural Instructions on pages 4 to 6.

✓ **EARLY SNOWBALL.** (White Stone). A splendid garden variety, both flesh and skin are of snowy whiteness, flesh fine grained and firm, of excellent, mild and sweet flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

✓ **BREADSTONE.** (Swede). Reliable, very quick growing, flesh perfectly white within and without, fine grained, tender and cooks very readily. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.

✓ **EXTRA EARLY MILAN.** Earliest in cultivation; in shape it is flat, strap leaved, color white, with beautiful purple top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

✓ **GOLDEN BALL.** Very round, rich golden color, well adapted to this country. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 50c.

TOBACCO

Tobacco cannot be recommended for general cultivation in the Northwest.

CONNECTICUT SEED LEAF. Usually considered a standard. Pkt. 5c., oz. 25c.

HESTER. Being of yellow type, is used more for cigar stock. It possesses size, shape, texture and color, and ripens early. It is adapted to a wider range of soils and latitude than any other of the yellow varieties. Pkt. 5c., oz. 35c.

SUNFLOWER

✓ **RUSSIAN GIANT.** A much better variety than the common sort, forms a single large flower, seed very large; chiefly used in this country for feeding pet birds, such as parrots and fowl. 15c. per lb., postage paid; 10 lbs. for \$1.00, by express, purchaser's expense.

WILD RICE

Culture—Sow upon still water (not flowing), with mud bottom. Water should not be over 4 to 4 $\frac{1}{2}$ feet nor less than 6 inches deep all the year round. It is preferable to soak seed 12 hours before sowing.

Is used to afford food to aqueous domestic fowls. 30c. per lb., postpaid; 10 lbs. for \$2.00, by express, at purchaser's expense.

TREES AND SHRUB SEEDS

Prices include postage prepaid. All packets 10c. each.

The following varieties may be successfully propagated from seed. We list only varieties which do well in this country.

BOX ELDER OR MANITOBA SOFT MAPLE.
 $\frac{1}{2}$ lb. 35c., lb. 65c.

BUCK THORN. (Rhamnus Frangula). Oz. 35c., $\frac{1}{4}$ lb. \$1.00, $\frac{1}{2}$ lb. \$1.75, lb. \$3.00.

COTTONEASTER VULGARIS. Oz. 50c.

GINNALIAN MAPLE. (Asiatic Maple). Oz. 50c., $\frac{1}{4}$ lb. \$2.00.



HERBS

While there are many varieties of Herbs, our list comprises only those varieties which succeed and are in demand in this country. Should any other variety be required, kindly write us and we will furnish. Undernoted are all annuals.

Cultural Instructions on pages 4 to 6.

BORAGE. For bee pasturage. Pkt. 5c., oz. 25c.

CATNIP. Pkt. 5c., oz. 60c.

SAGE. Pkt. 5c., oz. 15c.

SUMMER SAVORY. Pkt. 5c., oz. 15c.

THYME. Pkt. 5c., oz. 25c.

SWEET MARJORAM. Pkt. 5c., oz. 15c.

LILAC. (Syringia Vulgaris). Oz. 40c., $\frac{1}{4}$ lb. \$1.25, $\frac{1}{2}$ lb. \$2.00, lb. \$3.75.

MANITOBA GREEN ASH. (Fraxinus Veridis). Oz. 20c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

MANITOBA WHITE ELM. (Ulmus Americanus). Oz. 40c., $\frac{1}{4}$ lb. \$1.25, $\frac{1}{2}$ lb. \$2.00.

TARTARIAN BUSH HONEYSUCKLE. (Lonicera Tartarica). Oz. 45c., $\frac{1}{4}$ lb. \$1.50.

SIBERIAN PEA TREE. (Caragana Arborescens). Oz. 35c., $\frac{1}{4}$ lb. \$1.25, $\frac{1}{2}$ lb. \$2.00, lb. \$3.50.

For Tree Seedlings and Cuttings, etc., see under Nursery Stock Department.

VEGETABLE PLANTS

(Shipped by Express at purchaser's expense).

	Per 100.	Cauliflower, leading varieties, ready after June 1	1 40
Cabbage, leading varieties, ready in May	50	Celery " " " "	1 00
" " " " after June 1	40	Tomato " " " "	2 00



JUST A WORD

We have a grand country—Nature has spread herself here and given us grasses to grow fine stock, but when supplemented with roots, where may we stand? *Then the capacity enlarges, the stalls get tight, the finish appears, the top-notchers come along, the prize-winners show up! Let the farmer grow his own stock foods.* A small allowance of turnips, carrots, mangels and sugar beets will ensure health and wealth in his herds without danger of going up against injurious drugs.

BUT BE CAREFUL

You may grow a good crop or an indifferent to a poor one. A good crop of roots should show a good yield, much uniformity in size, good quality and be easily harvested. You not only need to prepare the ground right, but you must select right seed. There is no business requiring more care than the selecting of root seeds.

WHY?

What is the difference between a nice Shorthorn and a Texas steer? The one is the result of careful selection in breeding for years and the other is the "hit or miss" style. The best seed is saved from roots selected and transplanted the second season; the ordinary seed is gathered from roots without selecting or transplanting and which costs less than half. Make no mistake but get the best. We have it.

Roots do best in a rich, free soil worked thoroughly to a good depth and rolled tight before seeding, but the surface loosened to prevent evaporation. Thin turnips and mangels to 12 or 15 inches apart; carrots may stand closer. *The Planet Jr. is a first-class cultivator for this purpose.*

Please remember McKenzie Pays the Postage on "Field Root Seeds" to any part of Canada.

Deduct 5 cents per pound if ordered by express or freight.

SUGAR BEET (4 to 6 lbs. to acre).

✓ **THE SUGAR BEET** is becoming a general favorite. In some instances its yield has equalled in bulk the famous Red Mangel, while far exceeding other roots in nutritive and milk-producing qualities. They are rich in sugar and quite pleasant to the taste. When scattered among other roots on the ground, animals will eat them first. They impart a rich flavor to dairy products, and are also very fattening. Excellent for feeding to hogs, especially to the breeding pens, and will keep probably longer than any other root, if care is exercised not to bruise or break when harvesting.

✓ **NEW LINK OF GOLD.** This is a recent introduction from Denmark, where the best Sugar Beet Seed is produced. It has distinct characteristics, combining the heavy yield of largest Mangels with the rich sugar qualities of the Sugar Beet. Flesh white with a green top and of oval shape, standing well out of the ground, making harvesting easy and a remarkably hardy, good keeper. It combines so many good qualities that we predict a great run on this variety. $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 40c., 4 lbs. \$1.50. Prices include postage paid on all Sugar Beet.

✓ **DANISH IMPROVED.** There is a great difference in the growth of Sugar Beet, some varieties having been sold which caused the grower to brand them as unprofitable. *All we ask is, give this particular variety a trial and be convinced of its immense value as a field root.* They are so easily harvested they can be pushed over in the rows. $\frac{1}{4}$ lb. 10c., $\frac{1}{2}$ lb. 20c., 1 lb. 35c., 4 lbs. \$1.25.

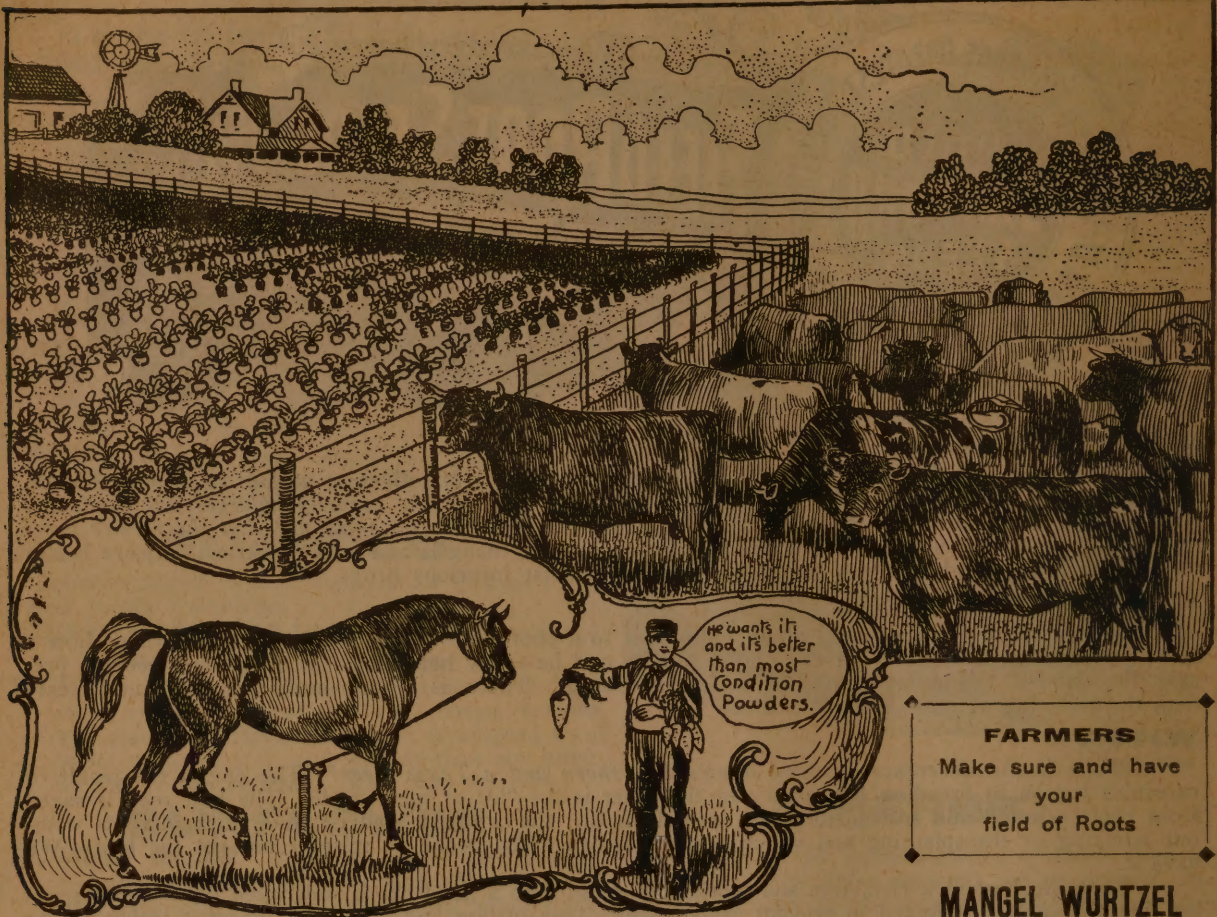
✓ **NEW INTERMEDIATE YELLOW.** One of last season's introduction. It attains a good size, is clean and easily harvested; our stock is limited. $\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 35c., 1 lb. 55c.

✓ **LANE'S IMPROVED IMPERIAL.** Our experience is, that we cannot place this variety on a par with the preceding, although popular in some countries. $\frac{1}{4}$ lb. 10c., 1 lb. 25c., 4 lbs. 80c.

✓ **WHITE SILICIAN GREEN TOP.** An older variety—almost out of use. $\frac{1}{4}$ lb. 10c., 1 lb. 25c., 4 lbs. 80c.



Danish Sugar Beet.



CARROT

(2 to 3 lbs. per acre).

(Postage paid).

- ✓ **IMPROVED MAMMOTH** (Half Long White). Undoubtedly the very best Field Carrot in existence; the *Surest Cropper* and *Heaviest Yielder*. This famous carrot has become so popular all over the country that it has caused the Long White Varieties to be little used; it seldom exceeds 16 inches in length, and has grown to measure 25 inches in circumference; its form is even, tapering to a point, enabling it to be easily harvested. $\frac{1}{4}$ lb. 20c., lb. 55c.
- ✓ **OXHEART.** (See Garden sorts.) On account of the excellent quality of this variety it is usually listed as a Garden Carrot, but its heavy yield justifies us in giving it a prominent place for field cultivation. We believe it will give good satisfaction and will fill the requirements of most western farmers. $\frac{1}{4}$ lb. 25c., lb. 75c.
- ✓ **COOPER'S YELLOW INTERMEDIATE.** Roots smaller but similar in shape to White Intermediate. $\frac{1}{4}$ lb. 30c., lb. 55c.
- ✓ **LONG WHITE BELGIAN.** An old and popular sort, a good yielder, but growing very long, one-third above ground. $\frac{1}{4}$ lb. 12c., lb. 35c.
- ✓ **GIANT WHITE VOSGES.** Similar to Mammoth Half Long White, but coarser. $\frac{1}{4}$ lb. 20c., lb. 45c.
- ✓ **LONG ORANGE BELGIAN.** Good cropper, imparting a rich color to milk. $\frac{1}{4}$ lb. 20c., lb. 55c.
- ✓ **RED SURREY.** Long shape, orange red color. $\frac{1}{4}$ lb. 20c., lb. 65c.

Prices on Field Roots include postage prepaid by us.

(4 to 6 lbs. per acre).

If ordered by express, deduct 5 cents per pound.

McKENZIE'S MANITOBA GIANT YELLOW

(See illustration on cover). Until the last few years, the great call was for the Mammoth Long Red, but since the introduction of our Giant Yellow the demand has been steadily increasing for the latter and sales are now enormous. It gives universal satisfaction, being a heavy cropper, of very superior quality, and its clean, well shaped roots standing about two-thirds out of the ground, render it easily harvested. $\frac{1}{4}$ lb. 20c., lb. 35c., 5 lbs. \$1.25.

✓ **MAMMOTH OR GIANT LONG RED.** This is probably the heaviest cropper of all the varieties and has a very large sale. It does exceedingly well in Manitoba and the Northwest. Our stock is choice. $\frac{1}{4}$ lb. 10c., lb. 25c., 4 lbs. 80c.

✓ **GOLDEN TANKARD.** This variety holds a good record for its milk producing qualities, only excelled now by the Danish Sugar Beet; medium size, of good form. Has no superior as a keeper. $\frac{1}{4}$ lb. 10c., lb. 25c., 4 lbs. 85c.

✓ **MAMMOTH YELLOW INTERMEDIATE.** A standard half long variety of good proportions and easily harvested. $\frac{1}{4}$ lb. 10c., lb. 25c., 4 lbs. 85c.

✓ **GIANT YELLOW GLOBE.** Large size and fine quality. Being round in form it is better adapted to heavy soils. $\frac{1}{4}$ lb. 10c., lb. 25c., 4 lbs. 80c.

✓ **RED GLOBE.** Similar in form to the Yellow, but not so large. $\frac{1}{4}$ lb. 10c., lb. 25c., 4 lbs. 85c.

✓ **CARTER'S WARDEN ORANGE GLOBE.** Moderately large. $\frac{1}{4}$ lb. 10c., lb. 30c.

✓ **RED INTERMEDIATE.** Not so popular as Yellow Intermediate. $\frac{1}{4}$ lb. 10c., lb. 25c.

TURNIP

Ruta Bagas or Swedes (Purple Tops)

Deduct 5 cents per pound, if ordered by express.

(Sow 2 to 4 lbs. per acre).

- ✓ **McKENZIE'S NORTHWESTERN.** When introducing this Swede to the west, our aim was to supply a hardy, productive and nutritious variety, and we believe our choice was an excellent one. It is of a handsome oval or globe shape, with small neck and single taproot; flesh fine grained, solid, sweet, of a rich yellow color and very uniform in size. It possesses a combination of qualities making it a leader. $\frac{1}{4}$ lb. 10c., $\frac{1}{2}$ lb. 20c., 1b. 35c., 4 lbs. \$1.00.
- ✓ **ElePHANT, JUMBO OR MONARCH KING.** This variety has been in great demand of recent years; it grows great crops, but is rather coarser than some other known varieties. Of a distinct oval shape, small neck and small top. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.
- ✓ **CARTER'S IMPERIAL.** A favorite with many growers and certainly one of the very best Swedes in cultivation. It is well suited to the Great West, having a very robust constitution. A heavy yielder. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.
- ✓ **SHAMROCK.** Shape very uniform, and on well prepared soil yields well. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.
- ✓ **SKIRVINGS.** A good old standard variety, good shape and fine keeper. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.
- ✓ **SUTTON'S CHAMPION.** Fine size and shape, good quality, does well on light, rich soils. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.
- ✓ **BANGHOLM.** Of Scotch origin. A good Swede. Does well on clay soils. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.
- ✓ **HALL'S WESTBURY.** Quite a distinct strain, round and clean. Many growers favor it. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.
- ✓ **KING OF THE SWEDES.** A good old sort, hardy, good yielder and good keeper. $\frac{1}{4}$ lb. 10c., 1b. 25c., 4 lbs. 90c.



McKenzie's Northwestern Purple Top Swede.

"Stockman's Collection" of Field Roots and Rape

1	lb. New Link-of-Gold S. Beet.....	40c
1	lb. McKenzie's Giant Mangel.....	30c
1-2	lb. Carrot, Oxheart.....	40c
1	lb. Swedes, McKenzie's North-Western.....	30c
4	lbs. Dwarf of Essex Rape.....	55c
Regular price, \$1.95 The Collection, \$1.60		
Postpaid		

GREEN AND BRONZE TOP SWEDES

- ✓ **KANGAROO.** A splendid Swede, similar in form to the famous Elephant, but different colored top. Very heavy yielder. Its grand constitution makes it specially adapted to exposed positions and we recommend it strongly for our western prairies. $\frac{1}{4}$ lb. 15c., 1b. 40c., 4 lbs. \$1.40.
- ✓ **HARTLEY'S BRONZE TOP.** This is a very fine variety, quite distinct, oval shape, large solid bulbs, rich quality, hardy and very productive. It stands high in tests. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.
- ✓ **GREEN TOP OR YELLOW FLESH.** A handsome sort, small top, good keeper and suited to lighter soils. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.
- ✓ **WHITE SWEDE.** White flesh, good for table use, firm and sweet. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.

WHITE AND YELLOW FLESHED

(May be sown 6 or 8 weeks later than the Swedes).

- ✓ **PURPLE TOP MAMMOTH OR IMPROVED GREYSTONE.** This variety cannot be surpassed for feeding early in the season. Excellent for milch cows. Rapid grower, big yielder. Flesh white, firm and juicy. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.
- ✓ **YELLOW ABERDEEN (PURPLE TOP).** A favorite Scotch variety. Not as heavy a cropper as the Greystone, but quality very superior; almost equal to the Swedes. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.
- ✓ **YELLOW ABERDEEN (GREEN TOP).** Differs from the preceding in color only. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.
- ✓ **SELECTED WHITE GLOBE.** Grows large in rich soils. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.
- ✓ **COWHORN OR WHITE TANKARD.** Of distinct carrot-like form, somewhat crooked, growing nearly half out of the ground. Rapid growth, good yielder and well flavored. $\frac{1}{4}$ lb. 10c., 1b. 30c., 4 lbs. \$1.00.



RAPE

(English Dwarf Essex)

A **BIG BOOK** might be written on the merits of this great plant. How cattle, sheep, hogs, poultry, etc., all tumble over one another to get at it! How it may be praised from many points of view! But right now, we're going to introduce one phase of the subject, viz:—

The Hog Question.



Pig ! Pe-eg ! Pi-ig !



YES, we want more hogs in this country and they're coming. See that homesteader away back from the railroad! Better team hogs at \$200 a load than wheat at \$30. But, feed the grain on the improved plan, and just here is where **MCKENZIE'S RAPE** comes in. Let the hogs feed all day on the Rape and give a little grain in the evening. Two acres should feed about 50 hogs all season at a cost of about 75c. for the seed.

One Hog King wrote that he fed 200 hogs all summer on two acres of Rape. (Of course he cultivated for a big crop.)

Another, eminent authority says that of all green feeds hogs like Rape best.

Now, if you have been feeding hogs on grain and complaining that "They eat their heads off," just try the Rape plan and you'll want more of it next season.

RAPE PASTURE AND BROME PASTURE (Side by Side)

Some have tried this plan and it gives grand results. Hogs like a change. We have the *Bromus inermis*, the sort that germinates 98, 99 and 100 per cent.

A farmer writes that " Rape and Brome is such a good combination for hogs that he can't prevent himself from getting rich."

Care in selecting new varieties makes farming a pleasure as well as a profit.

Rape for Poultry



If the patch of Rape is near the buildings the fowls will be found feeding in it much of the time, breaking and eating the crisp green leaves with great relish. When cold weather comes on, rape is still green and may be cut and thrown into piles and a little carried to the hens daily will soon show how good a thing it is.

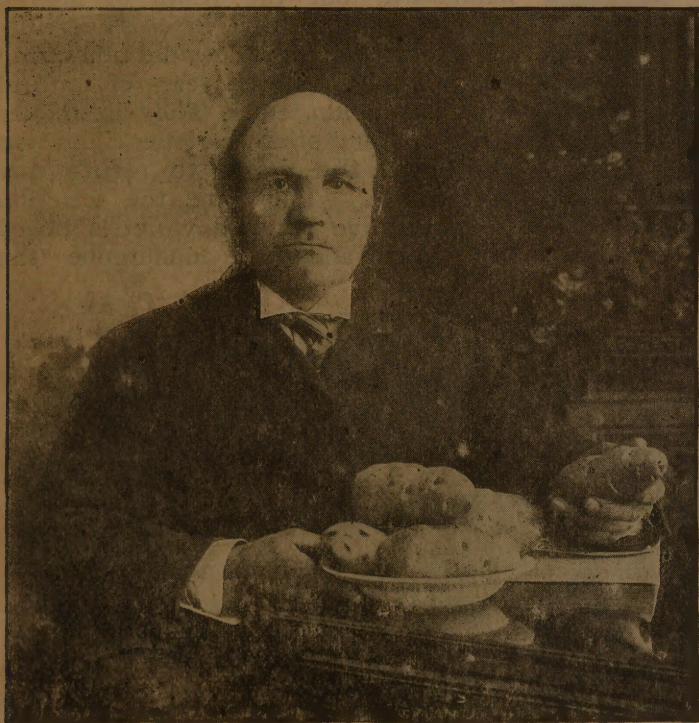
Rape may be sown broadcast late on fallow or where a grain crop has failed, but we advise thorough preparation of rich soil and sow in drills like turnips; cultivate till plants get well up; the heavy growth will repay the extra work. Sow two to three pounds per acre in drills; five to six pounds broadcast.

TAKE CARE. Get the right kind. We have known cases where **Bird Rape** was sold for the genuine article and neither party knew the difference at the time. And there are many other sorts that don't amount to much.

RAPE. There is only one right kind for forage, **English Dwarf Essex**. Our stock is choice. Price: Pound 10c., 10 lbs. @ 8c., 25 lbs. @ 7c., 50 lbs. and over @ 6c., if by post add 5c. per lb.

"Killing Two Birds with One Stone."

Mr. Clark, of Rounthwaite, feeds yearly about 100 head each of cattle and hogs, and sows from 50 to 75 acres of summer fallow with Rape. He finds the Rape affords splendid pasture for the stock and the land is put into best possible shape for wheat the following season. He says cattle and hogs are very fond of the rape and leave the prairie grass for it, and in the fall, when the prairie grass is dried up, the rape fills a great want, affording the best of pasture till covered up with snow.



One of our travellers writes:—
"While booking Mr. ———'s order a farmer came into the store and, noticing what we were doing, said, 'Yes, buy McKenzie's Sugar Beet Seed. I always sent to them till last year and got the finest beets in the world.' Last year I got seed from ——— Co., but won't do so again. They were a poor kind.'"

S. LARCOMBE,
Originator of Seedlings Nos. 1, 2 and 3.

SEED POTATOES

3—Children of the West—3

3 NEW SEEDLINGS—PURE MANITOBBANS

Never saw other sun ; never other soil ; never off one farm ; propagated, fostered and guarded by one man. Too precious to eat except as a test : never before offered for sale ; never before presented to the public ; now making their debut, but very reserved ! (Stock is so limited.)

WHAT IS THEIR BREEDING ?

They have no name—we designate them **Seedling No. 1**, **Seedling No. 2** and **Seedling No. 3**. These numbers we use simply to distinguish the varieties and they have no relation whatever to the quality or any other feature of the potatoes. They are pure bred—the product of the ball or seed which forms at the top of the potato stem. Do you know what this means ? And do you know that ninety-nine out of every hundred

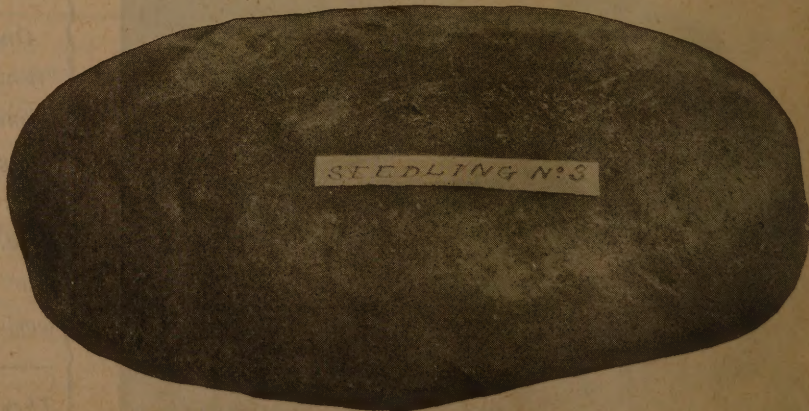


sorts offered as new varieties are absolutely only "selections from the tubers," and simply "sports," which, having no new blood in them, are apt to run back to the common kinds. But these are absolutely new blood—not got haphazard, but the result of intense thought, skill and care in cross fertilizing and developing. They did not spring up in a day, but ten years of faithful work is behind them. They are totally distinct from other varieties, and **we challenge the world to refute our statement.** They are the selection from over five hundred varieties raised from seed and have undergone the



most rigid tests. Their originator, Mr. S. Larcombe, is too well known by the public to need any introduction from us. He is in the front rank as a horticulturist, having probably taken more prizes for his exhibits than any other man in the west. His love for the work is inherited, his father being a great enthusiast in potato development in England. Mr. Larcombe states that he has made a special study of potatoes for 14 years and has tried nearly every potato on the market.

If any one is desirous of obtaining further particulars regarding these 3 new seedlings we would suggest their writing direct to the originator, Mr. S. Larcombe, whose address is Birtle, Man., enclosing stamp for reply.



POTATOES—Continued.**What is Claimed for these Three New Seedlings.**

- No. 1. The Phenomenal Yielder.** The heaviest cropper of good quality on the market and will lead all other varieties by from 30 to 50 per cent. This is a big statement, but it will do it; it has been bred to beat the world and will go against anything and win. The originator claims that he can raise 800 bushels to the acre of No. 1.
- No. 2.** Did you ever see a potato with one eye, only *one*! Some of No. 2 have just one, but as a rule they run two and three eyes to a potato. What does this mean? Simply this, that when other kinds have exhausted their good eating quality by their extra number of eyes, No. 2 remains firm and solid right along; in fact, we are assured it is the best from March to August following. *Now, is there any other potato that can make such a claim?* It is easy to get kinds that eat well during the fore part of the season. The originator states that Nos. 2 and 3 lead so far ahead that all other kinds are not in the same class, and he prefers them in July and August to new potatoes. *This is the money kind, as there is an unlimited demand for good potatoes late in the season.* Also, the few eyes result in less waste; ordinary kinds waste 3 to 4 lbs. in peeling 10 lbs. Seedlings 2 and 3 lose only the skin.
- No. 3.** Similar in character to No. 2, being almost eyeless. A wonderful yielder and bred to supply a good eating potato late in the season. Quite equal to No. 2 in every respect. Of a beautiful pink and purple color. Nos. 1 and 2 pink color.

We predict that these 3 New Seedlings will revolutionize the potato business. We are safe in saying that they are the only genuine new varieties that have been raised in Manitoba, and no other variety (no matter where from) can compare with them.

\$30 — WE WILL PAY — \$30

Every purchaser will be entitled to compete in giving *suitable names* to these 3 New Seedlings; A. E. McKenzie & Co. to be the judges.

We will pay \$10.00 in cash for each variety name to the customer sending us the name we decide upon using, *i.e.*, \$30.00 for the three names. Names may be suggested for only the sort(s) purchased; thus, customer ordering No. 1 would be entitled to name on No. 1; if the three kinds are ordered, names may be suggested for all three. A record will be kept of all purchasers. Names to reach our office by November 1st, 1904. No one in our employ allowed to compete. We reserve the right to decide whether any of the names sent us are desirable or not.

Price, etc.—The stock is very light and necessitates our limiting quantity to each customer, as we wish to have them tried throughout all parts of our Great West. Next season, when there will be sufficient quantity, we propose, if nothing happens, to offer prizes on these potatoes, in competition with the world. All three—**Per lb. 40c., 4 lbs. \$1.35, 10 lbs. \$3.00, postpaid.** (If ordered by express, deduct 5c. per lb. and add 20c. where a cotton bag is needed for shipping.) Not more than 10 lbs. of each variety furnished to one customer. Should one variety become sold out we will fill order with others, unless advised to the contrary. Order early if wanted, as stocks are very limited.

We commence sending out as soon as danger from frost is past. Every lot is delivered into the hands of the transportation companies in first-class condition safely packed; after that our responsibility ceases and purchaser must assume all risk of freezing or heating in transit.

Quotations by mail on 1 lb. up to 4 lbs. include postage. On quantities of a peck and upwards our prices include bags, customers paying the express or freight. Freight on small lots as a peck, half bushel or bushel is as much as on 100 lbs., and to points like Regina and further west, 150 or 200 lbs. would go as cheap as a peck.

MCKENZIE'S OVAL BEAUTY. This new introduction of ours is grandly sustaining the reputation we formed of it in early trials; it combines, *QUANTITY and QUALITY in an eminent degree.* It is very early and uniform in size, without deep eyes, of handsome oval shape, pink color and excellent quality. It probably leads all other varieties to use very early in the season and as a general purpose potato is hard to beat. **Pound 30c., 4 lbs. 90c., postpaid; per peck 1.00, bus. \$3.00, by freight at purchaser's expense.**

ROSE OF THE NORTH. This potato has a splendid record, possessing those qualities so essential to a profitable potato, being early, choice quality, very prolific and a good keeper. All who have grown this variety speak of it in the highest terms. **Pound 25c., 4 lbs. 80c., postpaid; per peck 85c., bus. \$2.00.**

BOVEE. A very early and great cropping variety; a combination hard to get. The vine being dwarf and stocky admits of close planting and larger return per acre, but soil should be rich. The tubers grow very uniform and of excellent quality. **Pound 25c., 4 lbs. 85c., postpaid; per peck 90c., bus. \$2.25.**

A. E. McKenzie & Co. have set their Standard high.

Patriotism impels, customers expect and the retention of our trade demands our adhering to the

"GOLD STANDARD," or "ALWAYS THE BEST FOR THE WEST."



The Sun Does Not Shine

On a country possessed of greater agricultural resources than the plains of Manitoba and the North-West Territories. As Canadians, we glory in the position our products have already attained, but we've only "touched the margin," and the possibilities of the future are too immense for calculation.

But, with such a grand heritage, we feel that our responsibility as seedsmen is the greater.

It is indeed wonderful what increased yields may be obtained by a judicious selection of grain for seed. Records, which cannot be disputed, show gains of from 20 to 50 per cent.

The natural fertility of our soil has given great crops often with very inferior seed, but the wide-awake farmer is now looking into the matter and seeing that he may profit by the increased yield and also by selling the product at a good price to his neighbors.

Prof. Robertson and Sir Wm. Macdonald foreseeing the need of a purer seed of Red Fife wheat and oats, have accomplished a commendable work in encouraging farmers to select pure seed.

In the selection of seed grain many features have to be reckoned with: **Purity, Quality, Vitality, Productiveness, Time Maturing, Character of Straw**, and adaptability to the locality. The Canadian West does things its own way; give it the right thing, then it leads the world.

COMMISSIONER—JAS. W. ROBERTSON

DIVISIONS	CHIEFS
LIVE STOCK	F. W. HIBDON
DUTY	J. A. RUDDICK
	J. C. CHAPMAN
EXTENSION OF MARKETS	W. W. MOORE
COLD STORAGE	
SEED	GEO. H. CLARK
FAULT	W. A. MACDONALD
POULTRY	F. O. HARE
ACCOUNTS	JAS. F. O'HARA

DOMINION OF CANADA.

DEPARTMENT OF AGRICULTURE.

BRANCH OF THE COMMISSIONER OF AGRICULTURE AND DAIRYING.

OTTAWA, ONT.

Nov. 17th, 1903.

Messrs. A. E. McKenzie & Co.,
Seed Merchants,
Brandon, Man.

Dear Sirs:—

I am pleased to learn that your efforts to provide a quantity of good pure seed of Red Fife wheat with which to supply your patrons of 1904 have met with success. During my trip through Manitoba and the Territories in August last, I observed that the percentage of inferior wheats that are mixed with Red Fife has increased from year to year, due, no doubt, to the greater tendency of the bearded wheat to shell and thus come as volunteer wheat in the next succeeding crop. This is particularly noticeable in districts where summer-fallowing is not generally practised.

Western wheat growers have come to realize that these mixtures of inferior wheats with the Red Fife are seriously detrimental to their best interests, inasmuch as they are a potent cause of reducing the value of a sample which would otherwise have graded No. 1 Hard. It is to be recommended that Western wheat growers again provide themselves with pure Red Fife wheat and adopt systematic methods of growing and continued selection, with a view to keep it pure, productive, and of good milling quality. I sincerely trust that your patrons will appreciate your efforts in this connection.

Your obedient servant,

G. H. CLARK,

Chief of Seed Division.

We invite a trial order from those who have not yet dealt with us. Be convinced that you can get the best stuff "At Home."



SPRING WHEAT

The King of Grains, the Golden Crop of our Country

We are not advocating any fancy new varieties. Red Fife, through its products, has acquired an enviable reputation in all markets of the world, and is so eminently adapted to our country that "No. 1 Hard and the Canadian West" are so closely linked as to be almost synonymous terms. But the time has arrived for a great improvement in our Fife Wheat. It has become so much mixed with white and bearded wheats, &c., that a pure sample is practically unobtainable. The loss to farmers from this mixture is enormous.

MIXED WHEAT CANNOT GRADE HIGH; IN FACT ONLY A SLIGHT MIXTURE DEBARS IT FROM 1 HARD.

Where is the remedy? Our farmers must look to their seed stock. To raise the quality one grade means a gain of over \$2,000,000 annually with our present average crop. Let each farmer figure out the gain to himself. A few bushels of pure seed to start with would increase sufficiently in two or three seasons to seed the main crop. The labor is the same, but the profit is increased, and herein lies the greatest secret to success in all lines.

A. E. McKenzie & Co. have spared no pains to secure a pure sample of Red Fife Wheat. When visiting the West this summer Prof. Saunders, of the Agricultural Department, Ottawa, saw the field of wheat from which the seed we herewith offer is taken, and he pronounced it one of the finest and purest fields of Red Fife he had seen. Our grower has used the utmost care, in selection and by hand picking, to keep his seed stock pure, and we believe it is the purest lot of Red Fife Wheat obtainable in quantity to-day. The sample is very fine for this season. We are looking for great results from this wheat. The supply is very limited, and there is no doubt but that every farmer who grows a few acres of this wheat will reap a handsome profit by selling the surplus to neighbors, as the demand among farmers for pure seed of Red Fife this year will be unprecedented.

PRICES : 1 lb. 25c.; 4 lbs. 75c., post paid; 1 bus. \$1.35; 2 bus. \$2.60; 5 bus. \$6.25; 10 bus. \$12.00; 20 bus. \$23.00.

Can furnish other samples of Red Fife at 85c. to \$1.00 per bushel, according to quality.

FALL WHEAT

Full Wheat is being grown quite successfully in many parts of Alberta, where yields average often very high. While it has not been tried in Manitoba except in a very few instances, yet there seems to be an awakening interest in fall wheat, as we receive a good many enquiries, and accordingly have decided to place it on our list for those who want it.

Turkey Red. (Hard and grades high.) 1 lb. 20c, 3 lbs 50c, postpaid; by freight, peck, 60c, bush. \$1.60

Dawson's Golden Chaff. (A softer variety but yields well.) 1 lb. 20c, 3 lbs. 50c, postpaid; by freight, peck 60c, bush. \$1.60.

OATS

The oat crop in Manitoba and the North-West certainly deserves more care than is given it. Wheat growing has such a hold on most of our farmers that the other crops are often simply thrown in on land not immediately suited to wheat. This should not be—the oat crop is a very valuable one.

There is a growing demand for first-class milling oats, and we have in mind men who have lifted the mortgages off their farms by changing from wheat to growing oats.

Many varieties of oats are offered by seedsmen and others, differing much in time of maturing, yield, &c.

For the West we want to combine a good yielding sort with fairly early maturity, heavy grain, good stiff straw, and freedom from rust as far as possible.

Sow at rate of 2 to 2½ bushels per acre, as soon as ground gets warm—about 10th to 15th of May.



TARTAR KING OATS

A BEAUTIFUL
WHITE OAT

*You will never regret
sowing
TARTAR KING*

Tartar King Oats

A Grand Acquisition to the Canadian West.

When introducing last year this wonderful new variety from Garton Bros., of England, we felt warranted in predicting that it would soon take front rank, and this season we are more than pleased to report that from all sections where a trial was made most gratifying testimonials are coming in.

To all farmers who wish to try some new variety, we particularly recommend the Tartar King, believing that of all late introductions it is far in advance, and its character in every way is so distinct that anyone may readily see the difference. You really have a new variety in the Tartar King, and one that should make you money, either for milling purposes, feeding, or selling to your neighbors for seed.

Tartar King Oat is a most beautiful white variety, part branching and part side, but more of a branching oat. Straw stiff, color bright, and strange as it may seem, it possesses a distinctive difference from other oats, there being a strong joint in the straw about two inches below the head, making the straw strong and not liable to break. Kernels are large, beautifully white and plump, possessing a thin hull, which is a most desirable feature. The plant is strong and vigorous, matures in 95 days and yields well, and is perfectly free from rust.

We recommend sowing about two bushels and three pecks per acre, as the seed is heavy and does not stool as much as some varieties; and would also suggest cutting before it gets very ripe.

PRICES:

Lb. 30c., 3 lbs. 60c., post paid. 1-2 bus. 65c., 1 bus. \$1.00, 5 bus. \$4.50, 10 bus. \$9.00, 20 bus. \$17.00.

AMERICAN BANNER. This Oat has probably given more general satisfaction throughout all parts of Canada than any other variety. It adapts itself wonderfully well to the West, and repeated tests show it well to the front alongside all competitors. It is, however, very difficult to get pure seed of recent years. **We have always been headquarters for good Banner Seed Oats.** It would be well for intending customers to order early of this Oat, so as to avoid chance of disappointment should stock run short.

1 lb. 20c. postpaid; 1 bush. 65c., 5 bush. lots and more, 60c. per bush.

NEWMARKET. This is our fourth season selling Newmarket, and it certainly has given great satisfaction. It is a white variety, with large branching heads, kernels large, of medium length, uniform and taper pointed. The straw is stiff and seldom goes down.

The Newmarket and Ligowo, being early maturing varieties, we specially recommend them for those parts where frost is liable to catch the later sorts. Both kinds are very heavy yielders.

1 lb. 20c. postpaid; 1 bus. 75c., 5 bus. lots and more, 70c. per bus:



OATS—Continued.

NEW IMPROVED WHITE LIGOWO. (Originally from France). The merit of this oat is undoubted. Experimental Farm reports show that it ranks close to the Banner. The kernels are large and of good length, possessing a thin hull, making them a valuable variety for milling and feeding purposes. 1 lb. 20c., postpaid, 1 bus. 75c., 5 bus. lots or more 70c. per bus.

Mr. J. H. Walker, of Wetaskiwin, Alta., who is quite an experimenter in the seed line, stated to our traveller that he was highly pleased with the Ligowo Oats. He sowed them on the 19th of April and cut the crop on the 19th of August.

BLACK TARTARIAN. This is undoubtedly the best of all varieties of black oats. Every few years a new black oat is placed on the market, but none have excelled the **OLD RELIABLE BLACK TARTARIAN**, which has stood the test of forty years. The plant is hardy, grows vigorously and rapidly; the grain is intensely black, which is a proof of its purity; hulls very thin, making it a most valuable feeding oat, and it is a very prolific yielder. 1 lb. 20c., 4 lbs. 50c., postpaid; 1 bus. 85c., 5 bus. lots or more 75c. per bus.

Other varieties, such as Improved American, American Beauty, Waverly, New Zealand, Lincoln, and others, prices submitted upon application.

PEAS

The great success that has usually attended the sowing of Peas at the Experimental Farms at Brandon and Indian Head warrant much more extended growing of this valuable grain. Being free from weevil the sample is usually very fine and the yield big. Sown alone, peas may be a little tedious to harvest, but by mixing a peck or two of oats to the acre, lodging will be largely prevented and the combined crop may be cut with the binder. There is no crop that can be recommended more strongly—they put the land in splendid shape for wheat and all kinds of live stock may be fed to positive advantage on a mixture of peas and oats. Peas in this country should be sown early and deep at the rate of 2½ to 3 bushels per acre, according to size.

**MIXED PEAS**

We have a quantity of Peas comprising two or more varieties mixed. Will give splendid results. Price \$1.50 per bus.

Canadian Beauty.

Should any variety of Field Peas become sold out, we will take the liberty of substituting another equally as good kind. We never substitute except in the case of Field Peas unless instructed.

CANADIAN BEAUTY. A distinct variety and very productive. The grain is very large, bright and a clear color; pods are well filled. The straw is of fine quality. This is an excellent pea. Bushel \$1.85.

BLACK-EYE MARROWFAT. Straw is long and bright, grain large and round, rich in feeding qualities. A good yielder, and a good old standard variety. Bushel \$1.90.

GOLDEN VINE. Small rich yellow, loaded with pods, the straw is long, fine and bright, very productive. Bushel \$1.85.

WHITE-EYE MARROWFAT. Large and yellow, long straw. It does not stand the sun and is not so productive as the preceding. Bushel \$1.90.

PRINCE ALBERT, or Multiplier. Small, yellow, long straw. An old favorite. Bushel \$1.75.

When more than 5 bushels are required, write for special prices.

MUMMY. A Crown variety, which means that the pods cluster at the top or crown of straw. Straw stands upright 2½ feet and very coarse. A field in bloom resembles a cover of snow. Bushel \$1.75.

CROWN FIELD. Similar to preceding, but finer. It is almost impossible to get a stock unmixed with other varieties. Bushel \$1.75.

PRUSSIAN BLUE. A grand, rich pea, in demand in the cities for cooking. Straw long and bright, excellent for green feed when mixed with oats, also good for plowing in. Bushel \$1.90.

JUNE PEA. Seed grown in Manitoba. Our grower says the peas make splendid hog pasture in fall, hogs will jump a fence to get at them. Bushel \$1.70. (Try the June Pea).

TARES OR VETCHES

Grown for a forage crop. They can be cheaply raised. Feed green, cured, or ensilage. They are sown at the rate of half a bushel to the acre, with a quarter bushel oats to hold them up. Sixty pounds constitute a bushel. Peck 65c., bus. \$2.25, in lots of 5 bus. or more \$2.20 per bus.

Remember that the railways give half-rates on Seed Grains and Grasses from Brandon.

BARLEY

(Sow 2 bushels to the acre).

MENSURY. There is a diversity of opinion among eminent authorities as to which is the proper name for this Barley, whether "Mensury" or "Mandscheuri," or whether they are the same or two distinct varieties. It is a **Six-Rowed Variety**, and easily excels all other six-rows. The straw grows a good length and is not apt to lodge. Heads are well filled to the top with very large kernels. This Barley is veritable king of the six-rowed varieties. Superintendent Bedford, of Brandon Experimental Farm, gives it first place. If you want the best, buy "**MENSURY.**" 2 lbs. 25c., postpaid; 1 bus. 95c., 2 bus. \$1.85, 5 bus. or more at 85c. per bus.



CANADIAN SIX-ROWED. A good standard variety, matures very early, straw bright color, stands well and reliable from point of quantity and quality. 1 bus. 75c., 2 bus. \$1.35, 5 bus. or more at 60c. per bus.

ODESSA (SIX-ROWED). This variety has been in popular favor for several years past, and still retains a good record, but as the land becomes more cultivated it has a greater tendency to lodge, for this reason the **MENSURY** is preferred. Heads are short but very compact, prolific under favorable conditions. 65c. per bus.

DUCKBILL (TWO-ROWED). As "Mensury" is king of the six-rowed varieties, so "Duckbill" is king among the two-rows. This is an excellent Barley, not much shorter head than the Chevalier varieties, but more compact. Kernels large and plump, with a rigid and bright straw, which seldom suffers from lodging. This is decidedly the best two-rowed variety for Manitoba and the Northwest. $\frac{1}{2}$ bus. 70c., 1 bus. or more at rate of \$1.25 per bus.

WHITE HULLESS & BLACK HULLESS. Some seedsmen make great claims for these varieties, but we do not feel warranted in giving them special prominence. However, they mature very quickly and may be very useful as a cleaning crop where land is infested with wild oats, etc. By cultivating for weeds early and then sowing these barleys late in the season a large proportion of weeds should be destroyed. The grain makes excellent hog feed, while the straw is said to make good hay. Sow one bushel to the acre. \$1.25 per bus. of 60 lbs.

NEW BEARDLESS "SUCCESS." The earliest barley known, six-rowed, good heads and especially useful as a cleaning crop. Cannot, however, be recommended for general cultivation. \$1.25 per bus.

EMMER—Speltz.

This grain is incorrectly called by various names. The names "Spelz," "Speltz," and "Spiltz" are often used, the name "Speltz" being the most common of all. The true name for this cereal is **EMMER.**

Emmer is a species of wheat known botanically as *Triticum dicoccum* (T. amyleum). Being comparatively new of introduction, during the past three years, its habits of growth, yield, adaptability to Northwest soils and climatic conditions have been rigorously watched, with the result that it has been found to be highly adapted to this country, and may be regarded as a permanent crop for stock feeding. The heads are similar in form to two-rowed barley. It is peculiarly adapted to poor, impoverished soils that are un-

SPELTZ—Continued.

suitable for wheat or other grains. Spring frosts do not damage it. **The drier the weather, the better it thrives.** The season of 1903 has confirmed the opinion generally held in this grain, that it is one of the best kinds to resist the effects of wet weather. Stooks which stood out for weeks in the rain were found to be as bright as when built, and the kernel entirely free of injury. It is an **immense yielder.** In a feeding experiment conducted on the Brandon Experimental Farm in the winter of 1901, Emmer was found to be superior to mixed grain as a feed for fattening steers. It is a **magnificent feeding cereal** for live stock of all kinds. Many farmers have spoken to us about its superior value for fattening hogs. It will always be regarded equal to oats or barley for feeding stock.

Price: 4 lbs. 40c., postpaid, 25 lbs. 45c., 50 lbs. 60c.

Culture.—Prepare the land same as for oats or barley, but sow as early as wheat should be sown. Quantity seed per acre, 70 lbs.

✉ Write for special price on a quantity.

FLAX

The demand for this cereal for manufacturing purposes is increasing, and manufacturers are looking west for their supply. Sow about 40 lbs. to the acre.

We have a very fine sample for sale this year. Fifty-six pounds to the bushel. Peck 50c., bus. \$1.50, 5 bus. or more at \$1.40 per bus.

SPRING RYE

A distinct variety from Winter Rye and more productive. If sown for seed purposes, can be treated same as wheat, if for green fodder, care should be exercised to cut directly it is in head, otherwise it becomes unpalatable to stock. If cut early, can harvest a second crop a month after the first crop. Fifty-six pounds constitute a bushel. Sow one and a half to two bushels per acre. 75c. per bus.

FALL RYE

Sow in the month of August. $\frac{1}{2}$ bus. 90c., 1 bus. \$1.65.

BUCKWHEAT

Experiments of growing Buckwheat in this country have never been very successful, and it cannot be recommended for general cultivation as a paying crop; some like it, however.

Peck. Bus., 48 lbs.

JAPANESE	50	1 25
SILVER HULLED	45	1 20

The Mensury Barley did well. 50 bushels to the acre drilled in on stubble.—Thos. H. Woolford, Cardston, Alta.



CORN FOR FODDER

This is a very important crop and the demand is increasing rapidly. There is nothing that will produce a greater amount of nutritious feed than Corn, and the most progressive stockmen are alive to the fact. It has done wonders for Ontario and will do the same for the West if care is exercised in the selection of varieties. Our list includes the kinds most desirable, and which will, in nearly every season, reach the late milk stage and are excellent for either dry fodder or ensilage. Stronger growing ensilage varieties may be obtained, but they have to be cut before maturity, making sour ensilage or unpalatable dry fodder with poor feeding qualities.

The best crops of Corn are obtained from land summer-fallowed, but a splendid plan is to sow it as a cleaning crop on land troubled with weeds; the succeeding crop of wheat is nearly always equal to that on summer-fallow.

Plow the weed infested land early, harrow at once to start the weeds and keep the surface worked every few days until about May 20th, when the corn should be sown in drills 36 inches apart. An ordinary wheat drill answers very well by closing some of the spouts.

Sow one half bushel per acre and cultivate frequently. The crop may be cut with the binder if not over 6 feet high.

To produce the heaviest crop we recommend planting in hills about $3\frac{1}{2}$ feet apart each way, thinning to 3 good plants in each hill and cultivating on all sides. Don't sow too much seed.

Price, all varieties of corn, $\frac{1}{2}$ bus. 90c., per bus., \$1.70 except Early Minnesota.

PEARCE'S EARLY PROLIFIC. (Yellow). We have been selling this variety for several years. It has given satisfactory results every year. It is very prolific and leafy, stands 9 feet high, and yields a large amount of fodder fairly well matured. On suitable land it will usually reach the late milk stage.

COMPTON'S EARLY. (Yellow). Ranks with "Pearce's Early Prolific" for earliness; produces equally as much fodder to the acre. Ears large, having 14 rows to the ear.

NORTH DAKOTA. (White). This is evidently an improved Squaw Corn. It is early, comes true to name, and ripens in this climate. It grows from 6 to 7 feet.

LONGFELLOW. (Yellow). This is a great favorite in the East, and tests have been very satisfactory here. Long slender ears, filled with grain, and a strong, robust grower.

EARLY MINNESOTA. This is a splendid variety and a very eminent stockman informs us that

Early Minnesota—Continued.

he prefers it to anything tried. While not as rank growth as some ensilage kinds, the quality is first class and animals eat "stalks and all." Should some of our American friends prefer this variety, we can furnish same at \$2.25 per bus. Being a "sweet variety" and not a flint, the price is higher.

Dent Varieties

Some of our customers like the Dent Corn. Some varieties, perhaps, are as good for fodder, but not quite so early as the flint varieties.

EARLY MASTODON.

WHITE CAP YELLOW DENT.

EXTRA EARLY HURON.

All prices on Seed Grain and Grasses are values at time of issuing this catalogue and are subject to market changes.

WORDS OF CAUTION

about New Fodder Plants and Sundries. For the protection of our customers we would say that there are a good many varieties of **miscellaneous plants**, such as **Cow Peas, Giant Spurry, Jerusalem Corn, Pencillaria, Kaffir Corn, Teosinte, Velvet Bean, Sand or Hairy Vetch and Panic** Millet being offered by some Seedsmen, but we would advise Westerners to keep their money in their pockets. Such seeds may be needed in the south and east, but at present to the western practical farmer it is a loss of time and money, especially when there are so many other reliable standard cereals and grasses which may be cultivated and harvested with ordinary machinery, ensuring to the husbandman better returns in every respect. When the day comes in the west that the sowing of above referred plants, etc., are a necessity, rest assured A. E. McKenzie & Co. will be to the front. In the meantime, should any require above, write us and we will be pleased to furnish prices.

When making out your order do not forget the corn field.



Pure Seed, High Grades, Recleaned

Throughout many sections of the West farmers are still able to secure the bulk of their requirements in hay from the wild prairie, and while that obtained from the upland is generally very good,

the low lands and sloughs give as a rule a very poor quality, which is more or less infested with the germs of malaria. Such hay is only fit for cattle feeding and should not be given to horses. The mortality in horses is enormous and those qualified to speak, attach the blame largely to this class of hay. This loss may be prevented by cultivating and seeding a field with Grasses. Besides providing a wholesome food, the proper seeding to grass has other immense advantages. As a rule the land is much improved by a rotation of this kind, weeds may be kept down and if the land is inclined to blow the grass roots largely over come this for several succeeding plowings.

Add 20 cents each for cotton bags on all grasses, excepting on shipments of 40 lbs. or over of Brome or Western Rye Grass Seed, which are shipped in jute sacks, 10 cents each.

Prices on Grass Seeds and Clovers, like seed grain, are subject to change without notice and are f.o.b. Brandon.

Our customers do not have to pay cartage, which is necessary in ordering from other Seed Houses.

Brome

(Bromus Inermis).

(Awnless or Smooth Brome Grass).

The merits of this grass are now so well established throughout the Canadian West that it is unnecessary to dilate upon it. Suffice to say that it is the greatest grass of the age, whether for pasture, hay, or to renew the land. Grows early in the spring, remains green late in the fall, thrives in nearly all kinds of soil, withstands dry weather, produces from 2 to 4 tons of hay per acre, retains its hold of the ground for an indefinite period and all kinds of stock are very fond of it.

Many farmers are finding Brome a very profitable crop to raise for seed. Ordinarily it produces from 300 to 400 pounds per acre, for which there is a growing demand from other countries, quality of our Northwest seed ranking very high.

CULTURE.

Succeeds on all classes of soil, giving a much better crop on upland than any other kind. It is found that better results are obtained from spring-plowed stubble than from any other. Plowing and sowing should be done from May 15th to June 15th. Harrow once, sow broadcast by hand, or use Brandon Seed House Seeder, sowing at the rate of 10 to 12 pounds per acre. More seed will give a better



BROMUS INERMIS

We handle nothing that contains foul seeds to our knowledge. Clean stuff costs more, but it pays.

GRASSES and CLOVERS—Continued

crop the first year, as the roots thicken up each year, and in three or four years makes better pasture than hay. Harrow a second time. It is not advisable to sow with a grain crop, as in a dry year the grain plant absorbs so much moisture and in a wet year the rapid growth of the grain crop chokes the growth of the young Brome plant. *As soon as weeds and volunteer crop are sufficiently high they should be mown and the cuttings left on the ground to act as a mulch.* If this plan is followed, good pasturage will be had the first fall, and a good crop of hay next season.

If the sward gets too thick after a few seasons, a good plan to renew is to plow the land precisely the same as "breaking" the virgin prairie. There will be ample grass to make a good crop the following season.

Sow good pure seed, which should weigh at least 14 lbs. to the bushel and germinate close to 100 per cent. Watch the low priced weak samples. Our stock weigh 17 to 20 lbs. per bushel, much above the standard.

Price 25c. per lb., postpaid. We quote on two grades of Brome, represented by "Beaver" being better cleaned and heavier seed than "Otter."

Quality	Quantity Price per Bushel of 14 lbs.	Quantity 50 lb.	Quantity 100 lbs.
BEAVER	2 25	7 50	14 00
OTTER	2 00	6 75	12 50

Prices for large lots furnished upon application.

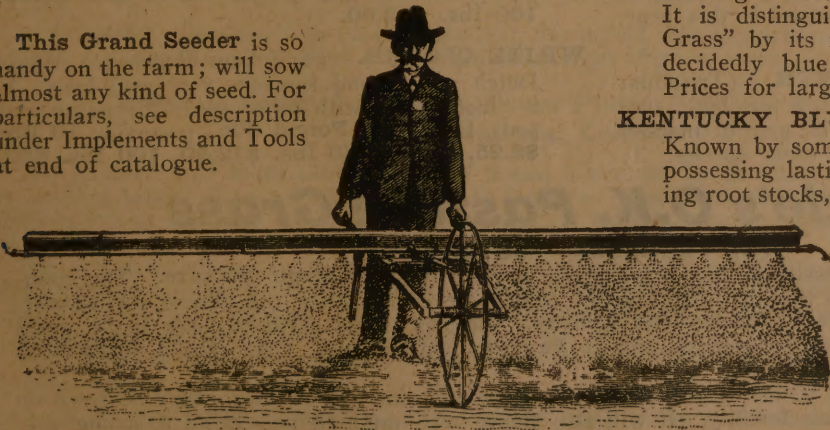
Western Rye Grass

(*Agropyrum Tenerum*).

A splendid grass and becoming very popular, some preferring it to Brome, which may be said to be more of a pasture grass, but Western Rye more for hay purposes.

It is a perennial and a native of our prairies, therefore well acclimatized and adapted to the country possessing some very excellent features. It can be sown with an ordinary grain drill or Brome Grass Seeder, is an early pasture grass and when wanted for seed can be harvested and threshed as cheaply as wheat. Being a bunch grass it requires only one plowing to kill it. It is a heavy cropper stands dry seasons well, and thrives

This Grand Seeder is so handy on the farm; will sow almost any kind of seed. For particulars, see description under Implements and Tools at end of catalogue.



Sowing Brome with the Brandon Seed House Grass Seeder.

You may get seeds from Alaska to Mexico, and from the Atlantic to the Pacific, but McKenzie's selected varieties are the safest for the Canadian West.

Western Rye—Continued.

luxuriantly on all kinds of land. Fourteen pounds constitute a bushel.

Culture—The same treatment as applies to Brome. Sow 10 to 12 lbs. to the acre.

Pound price, postpaid, 20c.

Quan. per bus. 50 lbs. 100 lbs.

AGATE. Heavy re-cleaned stock 1 50 4 50 8 50
STONE. Stock not so choice.. 1 35 4 00 7 50

Timothy

(*Phleum Pratense*).

We sell enormous quantities

of Timothy every year, and our seed gives satisfaction. It is a perennial grass, long ago naturalized in America, and deservedly popular. Sow 6 to 8 lbs. the acre.

Per lb. Postpaid. Per bus. 48 lbs. Per 100 lbs.

BERYL quality (choice) . . . 15 3 50 7 00
AMETHYST " (prime) . . . 15 3 25 6 40
ONYX quality (fair) . . . 15 3 00 6 00

Write for prices on large lots.



Red Top.

RED TOP (*Agrostis Vulgaris*). A very hardy perennial grass. It accommodates itself to a variety of soils, but succeeds best on moist land. Height 1 to 2 feet. (14 lbs. to the bushel). 14 to 20 lbs. sows an acre. Pound 25c., postpaid.

HARD FESCUE. — (*Festuca Duriuscula*) Very early; the hardiest and best adapted of all the Fescue varieties, retains its verdure during long continued drouth. Pound 25c., postpaid. Prices for larger quantities on application.

CANADIAN BLUE GRASS. (*Poa Compressa*). A very hardy perennial, with creeping root stock, forming a close and durable turf of fine texture. It is distinguished from the "Kentucky Blue Grass" by its flattened, wiry stems, and by its decidedly blue color. Pound 15c., postpaid. Prices for larger quantities on application.

KENTUCKY BLUE GRASS. (*Poa Pratensis*). Known by some as "June Grass." A perennial, possessing lasting qualities. It has dense creeping root stocks, spreading habit, and smooth, even growth, fine texture and rich green color. Succeeds on dry and poor soils. It takes, however, two or three years to become established, and should, therefore, only be sown with other grasses. Pound 25c., postpaid.

Price for larger quantities upon application.

HUNGARIAN GRASS.

(Panicum Germanicum).



One of the most valuable quick growing fodder grasses. It grows on any ordinary soil; withstands drought well, of very rapid growth, being ready for cutting in sixty days. It should be cut just before blooming. Does well here.

Culture—From May 25th to June 21st is best time to sow; 23 lbs. seed is used per acre, and to be sown directly after land is plowed in order to make use of the moist soil thrown up by the plow. It is advisable to harrow once before seeding, and once after. Summer fallow land can be used, but fall plowing should never be used, as it is too dry.

HUNGARIAN. \$1.75 per bus., 48 lbs.



Alfalfa, or Lucerne Clover

ALFALFA, OR LUCERNE. (Medicago Sativa).

It requires a rich, well drained soil. It roots very deeply, and consequently is capable of resisting great drouth. It should be sown alone in thoroughly prepared, deeply plowed soil, at the rate of 10 to 15 lbs. per acre. The crop should be cut when the plant is coming into bloom. In suitable soil the plant is perennial and two crops may be cut in a season. **Pound 30c., postpaid; 10 lbs. \$2.25., bus. of 60 lbs. \$12.50, 100 lbs. \$20.00.**

ALFALFA. (Turkistan). We are testing the value of this clover summer, 1904. We are unable to recommend it yet with confidence this year. Price upon application.

ALSIKE, OR HYBRID CLOVER. (Trifolium Hybridum). A perennial, 1 to 3 feet high, succeeding best in cold, stiff soils and in marshy lands which are too wet for other species. It

MILLET. (Common). A distinct variety from Hungarian, but used much the same. **\$1.75 per bus., 48 lbs.**

MILLET. (Japanese). The plant is coarser than the "Common" variety, and really belongs to the Buckwheat family. It surpasses the common Millet or Hungarian in vigor of stock, yield of seed and value of crop. The stocks are excellent green feed. The seed is good for hens. **Pound 20c., 3 lbs. 50c., postpaid.** Prices for larger quantities upon application.

MILLET. (Hog). Splendid for poultry. **Pound 15c., postpaid; \$1.50 per bus., 48 lbs.**

Note—In foregoing list of Grasses we have confined our catalogue to the kinds best adapted to Manitoba and the Northwest. Should other kinds be desired, please write us and we will be pleased to submit lowest prices.

CLOVERS

A Few Pointers About Clovers

A few points about Clover growing in Manitoba, Assiniboia, Saskatchewan and Alberta will not be amiss. While Mammoth Red and Alsike do well with proper treatment, perhaps Alfalfa, or Lucerne, does better than any. We would suggest never to grow these Clovers with a nurse crop of grain, as the plant will invariably become winter killed, but if sown alone either on plowed stubble or summer fallow, and the weeds kept mowed during the summer, the plants become sufficiently strong to withstand the winter, and give a good return the following summer.

Alfalfa, or Lucerne, should be sown on land free of grass or perennial weeds, in the proportion of 30 lbs. of seed per acre. The mower should be run over the land several times during the first year to destroy the annual weeds before they go to seed, and the perennial weeds should be hoed or pulled out. The young clover plants are very weak and must have every opportunity of growing.

is a good honey plant for bees. Sow 10 to 12 lbs. to acre. **Pound 25c., postpaid; 10 lbs. \$1.50, bus. of 60 lbs. \$8.00, 100 lbs. \$12.00.**

MAMMOTH RED. (Trifolium Perenne). This is really a biennial, large, leafy and succulent. Sow 15 to 20 lbs. per acre. **Pound 25c., postpaid; 10 lbs. \$1.50, bus. of 60 lbs. \$8.00, 100 lbs. \$12.00.**

COMMON OR MEDIUM RED CLOVER. (Trifolium Pratense). A perennial. Does well. Sow 15 to 20 lbs. to the acre. **Pound 25c., postpaid; 10 lbs. \$1.50, bus. of 60 lbs. \$8.00, 100 lbs. \$12.00.**

WHITE CLOVER. (Trifolium Repens). White Dutch variety and succeeds very well here. It is chiefly used with other seeds for permanent sods, lawns, etc. **Pound 30c., postpaid; 10 lbs. \$2.25, bus. of 60 lbs. \$12.50, 100 lbs. \$20.**

McKenzie's O.K. Pasture Grass

FOR PERMANENT PASTURE

With many farmers the necessity is upon them for a **Cultivated Permanent Pasture**. The country is becoming so rapidly settled that cattle and horses, which hitherto roamed the prairie for pasture, must be provided with a **Cultivated Permanent Pasture**. Besides, some farmers have many acres which are unprofitable for any other purpose, and **It Pays** to convert such acres into a **Cultivated Pasture**.

McKenzie's O. K. Pasture Grass is just the Grass (mixture) for this country. May be sown on low or upland which possesses fair fertility. It will also thrive well on land possessing a strong percentage of alkali. After seeding between May 15th and June 25th will afford a reasonable amount of pasture late the same fall and a magnificent, luxuriant pasturage for years. The growth is vigorous, rapid and satisfying. Animals feed contentedly and grow fat. Sow 15 to 18 lbs. per acre.

Per lb. 25c., postpaid; 25 lbs. \$4.25, 50 lbs. \$8.00, 100 lbs. \$15.00, by freight at purchaser's expense. Add 20c. each for Cotton Bags.

**MAKE HOME
ATTRACTIVE**



FOR THE

BOYS AND GIRLS



Owing to the severe winter weather in Manitoba and North-West Territories, many of the Lawn Seeds offered for sale have proved a partial if not total failure.

In **McKENZIE'S EMERALD GREEN** we have an admirable mixture of the best lawn producing grasses in the world. Not only will our seed produce that beautiful green perfect sward which is so much coveted, but it will stand the rigors of a North-West winter and produce a charming velvet green in the spring. It also accommodates itself to the varying summer conditions, such as excessive heat, dry or wet weather.

Emerald Green Lawn Grass is a combination selected specially for Manitoba and the North-West after repeated tests of very many varieties, and we place it before our friends as *without a peer*. It will thrive luxuriantly when and where other Lawn Seeds fail. Growth is very even and sufficiently rapid.

The Finest Lawns in this country were obtained by using McKenzie's Emerald Green.

To make the surroundings of a home attractive depends greatly on the Lawn. The most attractive flowers may be grown, the grading may be faultless, but if a good selection of grass is not sown, it never will appear attractive.

OLD LAWNS.—Perhaps your Lawn is old and, like an old coat, requires repairing. A few cents spent in a couple of pounds of seed will patch and refresh your carpet of green again.

Emerald Green for Lawns, Grass Plots, Boulevards, Tennis Courts, Sport Grounds, Cemetery Plots.

The popularity of **McKenzie's Emerald Green** is evinced by the fact that our output of Lawn Seed—in tons—is larger than any Seed House in Canada. The high quality and sure growth of **EMERALD GREEN** brings orders from the remotest corners of this Western country, from the north, the south, the east, west, and central.

The soil does not require to be very rich, as a rapid growth is not required in the grasses of a lawn. The surface should be as much alike in quality and firmness as possible. May and June are favorable months for sowing, to catch early summer rains. The ground should be rolled after sowing, in order to press the seed firmly into the soil. Never roll the soil when wet.

The Quantity Required—40 to 50 lbs. will sow an acre, 10 to 12 lbs. $\frac{1}{4}$ of an acre, 1 lb. a plot 15 x 20, or 300 square feet.

1 lb. or under 10 lbs. 25c. per lb.—post paid 30c.; 10 lbs. \$2.25—post paid \$2.75; over 10 lbs. at same rate.

McKenzie's Emerald Green Lawn Seed makes home attractive.

We have testimonials regarding our Lawn Grass from all parts of this great country.



MAILED FREE AT OUNCE AND PACKET PRICES TO ANY ADDRESS IN CANADA.

CULTURAL DIRECTIONS ARE PRINTED ON EACH PACKET.

25c Extra For every dollar's worth of Flower Seeds in packets ordered, we allow 25c worth extra at packet prices. This discount does not apply on special offers of collections.

McKenzie's Flower Seeds comprise only those varieties which, after thorough, repeated and critical tests have proven their hardiness and adaptability to North-west climatic and soil conditions.

The demand for Flowers in Manitoba and the North-West has greatly increased during the past few years. This is not to be wondered at, when the fact is taken into consideration that in no other country do the different varieties of Annuals show to better advantage than ours. As if to compensate for our somewhat short season, our bright sunny atmosphere helps to produce in this class of plants far superior brilliancy and much brighter hues than are attained in climates favored in other respects.

A few Observations as to Starting in Shallow Boxes.

Most of the Annuals give better results if started in shallow boxes (from two to three inches deep) about four weeks before the season is warm enough for planting outside.

The soil best adapted is a fine rich sandy loam; fill the boxes to within one inch of the top. For Petunia, and other fine seeds, the soil is better to be made thoroughly damp with hot water and on the smooth surface sow the seed in rows, then sift a light covering of fine soil to cover: place a glass over the top to prevent evaporation. After the seeds are up, care must be taken to give them plenty of air and moisture, and not too much water or they will damp off. The box should have plenty of light, but not too much sun. A common mistake in sowing flower seeds is covering too deep; very fine seeds need only to be pressed into the soil, coarser seeds may be buried half an inch. Always press the earth down firmly after sowing all flower seeds. Be careful in watering, do not drench, but let the water fall gently from a brush or sprayer.

The plow has a place on the farm, but a bed of flowers should be there too.

ANNUALS.

This class of plants bloom and die the first year, but they embrace many of the brightest, most showy and beautiful blooms in the flower kingdom, and consequently we have taken special care in selection to obtain the choicest seeds.

SEE BIENNIALS AND PERENNIALS, PAGE 57

ABRONIA

Beautiful trailing plants with clusters of verberna-like flowers, which emit a delicious fragrance towards evening.

Umbellata Grandiflora. Rose with white eye. 1 foot 5 Pkt.

ACROCLINIUM

(Everlasting)

Free summer flowering annuals for garden decoration. Flowers are a beautiful rose pink and white with yellow centre. Half hardy. One foot.

Album. Single white... 5
Roseum. Single bright rose... 5
Mixed. Fine colors..... 5

ADONIS

Showy, hardy, with deep green feathery foliage, brilliant flowers, remaining in bloom a long time. One foot.

Aestivalis. (Flos Adonis). Deep crimson..... 5
Autumnalis. Extreme blood red, with black centre ... 5

AGERATUM



"Mexicanum."

Bear continuously and profusely, clusters of feathery flowers; suitable for pot culture in winter, or bedding out in summer. Lifted and potted in the fall will keep up a succession of beautiful flowers all winter.

Mexicanum. Blue; flowers large and numerous. 1½ feet..... 5
Dwarf. Blue; compact habit. Nine inches high 5

AGROSTEMMA

Very beautiful free flowering, hardy, of easy cultivation, adapted to making showy beds, clumps or edgings; fine for cutting.

Flos Jovis. (Jovis Flower); deep rose fringed. 2½ feet.. 5
Coeli Rosa. (Rose of Heaven). 1½ feet 5



Flos Adonis.

ALONSOA

Very showy, half hardy, suitable for small beds and borders. Sow in hot bed and plant out in May. One foot.

Finest Mixed Shades of scarlet, rose and white 5 Pkt.

ALYSSUM BENTHAMII

Well known and much prized for beds and borders; also for bouquets, its fragrant white blossoms being very lasting. Blooms very freely in the garden and fine for the conservatory in winter.

Sweet Alyssum. Flowers in clusters. Height 6 inches.. 5
Martinum. (Little Gem). Dwarf, covered with small white fragrant flowers from spring to autumn. 3 to 5 inches high..... 5

AMARANTHUS

Stately and highly decorative, with long racemes of curiously formed flowers and highly colored coleus-like leaves. Very effective for autumn decoration and hard to surpass.

Bicolor Ruber. Brilliant carmine scarlet. 2 feet high... 5
Melancholicus Ruber. Rich dark red foliage. 2 feet.. 5
Candatus. (Love Lies Bleeding.) Drooping deep red flowers. 2½ feet..... 5
Tricolor Splendens. (Joseph's Coat.) Beautiful scarlet. Yellow and green foliage. 2 feet 5

ANAGALLIS (Pimpernelle)

Lovely dwarf plants, beautiful for edgings, pot plants and rock work.

Grandiflora. Scarlet, Blue and Carmine Mixed 5

ASTERS



Truffaut's.

(Our Asters are grown for us by specialists from the finest double strains in the world.)

Make life something more than a drudge. Surround your home with the beautiful.

ASTERS—Continued.**AMERICAN BRANCHING.**

(Semple's or Vick's Branching)

A free growing Aster of erect form; flowers large, feathery, resembling Japanese Chrysanthemum. Grows about 30 inches high. Fine for cutting. Pkt.

Pure White.....	10	Deep Crimson	10
Shell Pink.....	10	Lavender Blue.....	10

CHRYSANTHEMUM-FLOWERED.

(Dwarf)

A useful sort for borders and pots. Very free bloomers. Compact flowers from 3 to 4 inches in diameter—plants about 10 inches high.

Snow White.....	10	Crimson	10
Flesh Pink.....	10	Dark Lavender.....	10
Fiery Scarlet.....	10	Brilliant Rose.....	10

PAEONY FLOWERED PERFECTION.

(Truffaut's)

Beautiful incurved petals. Popular for florists and private display, splendid for exhibition. Plants 2 feet high; flowers about 4 inches across. One of the finest Asters.

Pure White.....	10	Brilliant Scarlet.....	10
Brilliant Rose	10	Gravelotte Deep Red..	10
Crimson Ball	10	White	10
Light Blue.....	10		

IMPROVED VICTORIA.

Generally regarded as the finest Aster in cultivation. Plants about 2 feet high, very large flowers, petals beautifully incurved. From 20 to 25 blooms on a plant.

Pure White.....	10	White, turning to Azure	
Pink White Tinted	10	Blue	10
Crimson and White	10	Bright Rose tinged	
Apple Blossom.....	10	White	10
Light Blue.....	10	Purplish Violet.....	10
Crimson	10	Indigo Blue on White	
Dark Blue.....	10	ground	10
Rose	10		

GIANT OR TALL BRANCHING COMET.

Comet.

Very beautiful immense flowers, often 6 inches across and composed of long, wavy and twisted petals; very striking appearance.

The Bride, white.....	10	Crimson Giant.....	10
New Rose.....	10	Light Blue Giant.....	10
New Giant, sulphur yellow.....	10	New White Giant.....	10

NEW UPRIGHT BRANCHING.

Resembles the Truffaut. Paeony flowered, but grows about 10 inches taller. Large flowers produced abundantly on straight stems, which admits of close planting.

White	10	Pink	10
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BETTERIDGE'S IMPROVED QUILLED.

Fine Showy Asters, perfectly double, 1½ ft. Finest mixed	Pkt 5
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BOLTZE'S DWARF BOUQUET.

Boltze's Dwarf Bouquet. Plants dwarf, very free flowering	10
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IMBRICATED POMPON.

Imbricated Pompon. Excellent form, flowers freely, branching habit. Finest mixed, 1½ feet.....	10
--	----

JEWELL OR BALL.

A valuable sort for cutting and florists' use, growing about 2 feet high; ball shaped flowers about 3 inches across, beautifully incurved.

Finest Mixed	10
--------------------	----

LILLIPUT.

A miniature Aster useful for edgings and borders. Abundant small flowers of perfect form.

Finest Mixed	10
--------------------	----

MIGNON.

A fine new variety 1½ feet high, of upright branching form, with 40 to 50 flowers, well formed of medium size on each plant. Fine for cut flower use.

Finest Mixed	10
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PEARL.

The plants are of bush habit, branching from near the ground and growing about 15 inches high, with from 12 to 18 large well formed blooms on each.

Finest Mixed	10
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QUEEN OF THE EARLIES.

(Queen of the Halls)

Remarkable for size and earliness. Plants about 1 foot high, branching freely and blooming well. Especially valuable for early cutting, being a month earlier than any other large flowered variety.

Finest Mixed	10
--------------------	----

VICTORIA NEEDLE.

A form of Victoria with quilled and pointed petals. Height 18 inches.

Finest Mixed	10
--------------------	----

NEW CHRISTMAS-TREE ASTER.

The name of this novelty typifies the branching habit of the plant. It grows about 15 inches high, not upright but horizontal, the lower branches being the longest. It is early and exceedingly floriferous. Very suitable for beds and pot culture.

Mixed Colors	10
--------------------	----

Semple's Giant Aster. (See American Branching.)

Perennial Aster. (See Perennial list.)

BARTONIA

Aurea or Golden.—Hardy, bearing a profusion of large golden yellow flowers. Thrives well in partial shade. 1½ feet.....

	5
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BEET

(Ornamental)

Among the most useful of foliage plants, very showy.

Chilian Golden.....	5	Scarlet.....	5
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BEGONIA TUBEROUS

(House Plants)

The single-flowered are leaders for bedding purposes, producing most gorgeous effects. Sow seed in March at a temperature of 60° and plant out in June. Should flower the first season. The double sorts are best suited to the conservatory and piazza decoration; 1 foot.

Vernon. Waxy blood red. A charming plant.....	10
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Single. Choice mixed	25
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BRACHYCOME IBERIDIFOLIA

(Swan River Daisy)

Elegant, profuse-flowering, resembles somewhat the Cineraria with its handsome blue flowers

Alba. White flowers	5
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Labor cannot be maintained without a change. Let flowers contribute to your enjoyment.

BALSAMS

(Lady Slippers)

Old favorites, showy and easily grown. Half-hardy and should not be sown in the open before May. A light open soil is best.



Balsam—"Snowball."

	Pkt.
White Protection or Snowball. Pure white, of immense size and solidity	10
La Malmaison. Splendid large double bluish pink flowers	10
Maiden's Blush. Charming delicate shade of rosy pink.	10



Balsams—Improved Camellia Flowered, Mixed.

Apple Blossom. Large, double, deep rosy pink shade.	10
Bloodstone. Blood Red	10
Camellia-Flowered. —Double choicest mixed	10

BROWALLIA

Half-hardy, elegant, flowers freely, suitable for either house or garden. About 18 inches high. Verbena-like flowers; excellent for cutting. Seeds started in July will give fine plants for winter blooming in the greenhouse. For summer blooming sow under glass in March or in the open in May.

Pkt.

Coerulea Grandiflora. Bright Blue; fine for cutting....	5
Finest Mixed. Shades of blue, purple and scarlet.....	5

CALANDRINIA SPECIOSA

Hardy, with fleshy leaves and bright rose-colored flowers; succeeding best in sunny situations; 18 inches. 5

CALENDULA

(Marigold)

Vigorous, hardy and free blooming with large, flat, double showy flowers, some of them of remarkable beauty. Grows in any soil. Useful for cut flowers and may be grown under glass during winter.

Officinalis. Double mixed; colors white to deep orange..	5
Meteor. Double; orange-yellow, striped with primrose; beautiful	5
Superba. Double; yellow, dark eye.....	5

CALLIOPSIS OR COREOPSIS



Bicolor or Tinctoria.

Brilliant, free-flowering, blooming early and continuing till frost. Very showy in groups in the gardens and fine for cutting.

Bicolor or Tinctoria. (Golden Wave). A mass of golden yellow	5
Finest Mixed	5

CANDYTUFT

An old, popular, showy hardy annual. Excellent for borders; fine for bouquets.

Empress. A large flowered white sort with broad conical heads; largely grown for forcing.....	5
Giant White. Grand variety, with immense spikes of large, pure white flowers; excellent for cutting.....	10
Dark Crimson. Dunnett's Improved, very beautiful	5
Finest Mixed. All colors	5

"Have used your seeds for two years past with satisfactory results and have pleasure in testifying to the same."—R. Trorey, Minnedosa.

CELOSIA OR COCKSCOMB

Hardy, producing large brilliant flowers; some of the best flowers being a foot across. To grow them best they should be planted in rich compost and position somewhat sheltered.

Glasgow Prize. Dwarf; foliage dark, large rich crimson combs	Pkt. 10
Dwarf. Finest Mixed	5

CENTAUREA

(Ragged Sailor, Corn Flower, Blue Bottle)

Flowers of enormous size, fragrant and colors most charming, including white, pink, lilac, rose and purple. Among our best summer flowers for cutting.

Margarita. Blossoms two to four inches across; pure white	10
Odorata. Large flowers; sweet scented	10
Cyanus. (Bachelor's Button.) Excellent for cutting; finest mixed	5

CONVOLVULUS MINOR

(Morning Glory)

Popular, hardy, flowering freely, with many shades, until late in the fall.

Blue. Rich indigo	5
White.	5
Finest Mixed. Shades of rose, crimson, violet and white. ..	5
Morning Glory Climber. (See Ipomoea.)	

CHRYSANTHEMUM

Showy and hardy, easily cultivated. Largely grown for cut flowers. Good for pot culture.



Chrysanthemum—Tricolor.

Tricolor Atrococcineum. (The Sultan.) Deep crimson	5
Burridgeanum. (Lord Beaconsfield.) White, crimson and yellow	5
Chamaeleon. Crimson, bronze and yellow	10
Inodorum Plenissimum. Of spreading habit, free blooming; pure white flowers, resembling asters, 1 foot ..	10

CLARKIA

Hardy and very elegant, succeeding in any soil. Of branching habit. Suitable for beds and cutting. 1 foot.

Elegans. Double mixed; shades of rose, crimson, violet and white	5
Pulchella. Single mixed, many colors	5

COLINSIA

Charming hardy annuals adapted to dry situations. Flowers white, lilac and purple. One foot.

Finest Mixed	5
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CYCLAMEN

A grand house plant. Our seed is gathered from the giant-flowering type of the most improved varieties.



	Cyclamen.	Pkt.
Giganteum. Finest mixed; very vigorous strain		25

DATURA

(Trumpet Flower)

Very showy, of rapid growth and fragrant. Handsome for beds or borders.

Finest Mixed	5
Atroviolacea Plenissima. Dark violet	5
Cornucopia. White marked with purple	5

DOLICHOS LABLAB

(Hyacinth Bean)

A favorite, hardy climber, with clusters of white or purple flowers. 10 feet high. 5

DIANTHUS

(Chinese or Indian Pinks)



Dianthus—Double Japanese Pink

Among the most popular flowers in cultivation. Although biennials, they bloom the first season, flowering early in summer and continue till frost, producing a great variety of brilliant colors. The Hedderwigii strains are remarkable for their size and brilliancy. 1 foot.

Chinensis Flore Pleno. Saved from the finest double flowers; mixed colors	5
Hedderwigii Flore Pleno. Large double flowers of many beautiful and brilliant colors; finest mixed	5
Laciniatus Flore Pleno. Double fringed flowers, beautifully striped; many colors	5

With many prairie farms the barest place is near the buildings. Why not have home attractive?

DIANTHUS—Continued.



Dianthus—"Laciniatus,"
Single Pink, Mixed.

- | | |
|--|------|
| Laciniatus. Finest mixed; deep fringed colors from bluish-white to pink rose, with a circle of rich crimson around the eye..... | Pkt. |
| The Bride. Large white flowers, with a conspicuous spot of rosy carmine in the centre..... | 5 |
| Diadematus Flore Pleno. (Double Diadem Pink.) Large double flowers, varying in color from lilac to crimson and maroon, with fringed edges and almost white; finest mixed..... | 5 |
| Imperialis Flore Pleno. (Double Imperial.) In a great variety of colors..... | 10 |
| Latifolius. Double Hybrids mixed; beautiful double flowers the first season; shaded from rose to crimson and maroon..... | 5 |

ECHINOCYSTIS LOBATA

(California Cucumber).

One of the quickest growing annual vines. Soak the seed 12 hours in water before sowing; 20 feet. 5

ESCHSCHOLTZIA

(California Poppy).

Very showy rich yellow flowers, most profuse bloomers. Excellent for beds and borders. One foot high.

- | | |
|--|---|
| Californica. Yellow, orange centre..... | 5 |
| Alba. White of great beauty..... | 5 |
| Rose. Cardinal, deep rose..... | 5 |
| Finest Mixed. All colors..... | 5 |

GAILLARDIA

(Blanket Flower).



Very showy and hardy; useful for beds and borders

and for cutting. Blooms early and continues till frost. Large sized flowers and durable, with many beautiful shades.

- | | |
|---|------|
| Lorenziana. Double, of great variety; splendid colors; finest mixed..... | Pkt. |
| Single. Finest mixed..... | 5 |

GODETIA

(Satin Flower).

Very handsome large Mallow-like flowers embracing many shades of color. Grow rapidly and do well in shady locations. Fine for vases.

- | | |
|--|---|
| Lady Albemarle. Crimson edged with lilac..... | 5 |
| Finest Mixed | 5 |

GLOBOSUS FISTULOSUS

Flore Pleno

Large, double, globe-shaped flowers of rich yellow color. Seven feet high. 5

GOURDS

(Ornamental)

Luxuriant climbers, useful in covering walls, arbors, etc., and bearing gourds of interesting forms and colors. Finest Mixed, great variety..... 5

GYPSOPHILA

(Baby's Breath)

Free blooming, hardy plants, extremely light and graceful, easy of cultivation and fine for bouquet and cut flowers; 18 inches high.

- | | |
|---|---|
| Elegans. White flowers in light airy sprays..... | 5 |
|---|---|

HELIANTHUS

(Sunflower)



Helianthus—"Prairie Sunbeam."

The larger varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet Salvia, Cannas and other tall bedding plants.

- | | |
|---|---|
| Argyrophyllus. Silvery, woolly leaves; small, single yellow flowers with black centre, 5 feet..... | 5 |
| Californicus Flore Pleno. Double, large, deep yellow of perfect form, 5 feet..... | 5 |
| Stella. (Prairie Sunbeam). Similar to California, but flowers nearly twice as large..... | 5 |

Remember we pay postage on all seeds at packet, ounce and pound rates, except where noted.

HELICHRYSUM

(Everlasting Flower)

Extensively used for winter bouquets of dried flowers, for which purpose the blooms should be cut before fully open and hung up with the heads down to get stiff stems. Also fine in beds and borders.; 2 feet high.

Pkt.

- Double.** Finest mixed, pure white; shades of yellow, pink, scarlet, crimson and purple 5
Single. Finest mixed..... 5

HUMULUS LUPULUS

(Hop)

With its luxuriant foliage and rapid growth it makes an ornamental and useful hardy climber; 15 feet. .. 5

Japonicus. (Japanese). Splendid and grows rapidly 10

IPOMOEA

Beautiful climbers of rapid growth, remarkable for their showy flowers of white, pink, blue and purple. Five to 30 feet high.

Purpurea. (Convolvulus Major, Morning Glory). Very popular, of rapid growth; finest mixed..... 5

IMPERIALIS

(Japanese Morning Glory)



Flowers of enormous size and great variety, many being beautifully striped, spotted and edged with distinct colors. Often the leaves are of curious shapes and many of them marbled with white; 10 feet. 10

LARKSPUR

(Delphinium)

A great favorite with many. Much improvement has resulted through careful selection and cultivation of the plant. Flowers are borne on long spikes, white, lilac and all shades of blue. Excellent for cutting; 18 inches.

- Dwarf Candelabrum.** Finest mixed, many beautiful colors. 1 foot..... 5
Double Rocket. Finest mixed..... 5
Giant, Hyacinth-Flowered, double, finest mixed. 1½ foot 10

LAVATERA

Fine for masses and borders. The dark green leaves being irregularly marked with greenish grey and pure white give it a very distinct and handsome appearance.

- Trimestris Alba.** (White Mallow). Tall growing, bushy and hardy, with many large white single flowers. 3 feet 5
Rose. (Pink Mallow). Very handsome .. 5

LOBELIA

Unsurpassed for borders, hanging baskets and vases, easily grown from seed and blooms from June till frost. Pkt.

- Erinus. Crystal Palace Compacta.** Dark blue, very dwarf and compact; unexcelled for carpet bedding..... 10
Emperor William. (Blue King). Sky blue, white eyes, compact 5

LUPINUS

(Lupin)

Showy, hardy plants, easily grown with handsome flowers of brilliant colors.

- Affinis.** Deep blue. 1 foot..... 5

LINUM

(Scarlet Flax)

Brilliant and profuse bloomer; a fine flower for mountain gardens; 1 foot.

- Grandiflorum Rubrum.** Crimson..... 5

MARIGOLD

(Tagetes)

For a rich display very desirable and producing flowers from July till frost.



Marigold—"Double Tall African."

- African:**
 Gold Nugget. Enormous blossom..... 10
 Lemon Dwarf. Fine habit, grand..... 10
 Lemon. Tall, select stock..... 10
 Orange. Showiest, brilliant..... 10



French Marigold—"Compact Striped."

- Compact Striped.** Beautiful..... 5

We handle only the best seed Weak seed sometimes does all right, but it isn't safe to count upon.

MARIGOLD—Continued.

	Pkt.
Electric Light. Lemon and maroon.....	10
French. (Legion of Honor). Single, golden yellow blooms, marked with velvety red; very dwarf.....	10
French. Tall double.....	5
French. Dwarf double.....	5
Butterfly. Tall growing, brilliantly marked and striped; double.....	10

MIGNONETTE

(Reseda Odorata)

The most popular fragrant annual, indispensable in every garden and also prized for winter forcing. Sow seed early and thin plants to allow them to bunch. Water liberally.

Grandiflora. The best of the old-fashioned Sweet Mignonette; large flowers.....	Ounce, 40c	5
Golden Queen. Dense habit, very strong with beautiful golden yellow tinted flowers; fragrant.....	Ounce, 50c	5
Machet. One of the finest strains, large flowers and very fragrant. Grown largely under glass but equally valuable for out-of-doors. Our seed is saved from very fine stock.....	oz. 60c.	10
Parsons White. Splendid spikes and very sweet scented. Excellent to force.....	oz. 50c	10



Mignonette—Double Large Flowering.

Victoria. Large spikes, and one of the finest for out-of-doors, being superior for borders with its luxuriant foliage large flowers and fragrant with dark red tint.....

NASTURTITIUM

(Tom Thumb or Dwarf)



Nasturtium—Dwarf Mixed.

Flowers profusely from June or July till frost. The dark leaved strains are particularly adapted to ribbon beds and borders, the brilliant flowers contrasting admirably with the bronzy red foliage. One foot high.

Beauty. Orange and Vermillion..... 5

Crimson. Scarlet and Canary.....	Pkt. 5
Crystal Palace Gem. Yellow with Maroon spots.....	5
Pearl. Creamy White.....	5
Rose.	5
Scarlet.	5
Spotted.	5
Yellow.	5
Golden King. Brilliant Yellow.....	5
King Theodore. Bluish Green foliage, very dark brown flowers.....	5
Ruby King. Crimson Rose, distinct foliage.....	5
Spotted King. Orange, spotted crimson.....	5
Cloth of Gold. Scarlet flowers and golden yellow foliage.....	5
Empress of India. Very dwarf, dark tinted foliage, flowers brilliant crimson.....	5
Scarlet King. Tom Thumb, brilliant.....	5

(Ounce price 20c any dwarf variety).

(For Nasturtium specialties see cover.)

NASTURTITIUM

(Tall or Climbing)

Elegant and luxuriant climbers for verandas, trellises, etc., bearing gorgeous flowers in profusion till frost. For vigorous growth the soil should be rich.

Scarlet and Gold.....	10	Yellow.....	5
White Pearl.....	5	Scarlet.....	5
Scarlet Striped.....	5	Dunnett's Orange.....	5
Crimson.....	5		

Oz. price, 20c any variety.

New "Hybrids of Madame Gunther." Very ornamental with great range of color, embracing rose, pink, salmon, purple, maroon, yellow and deep orange. oz., 30c. 10

Tropaeolum Lobbianum. Wonderful bloomer and very brilliant, rendering it specially fine for trellises, arbors and vases. Excellent for greenhouses in winter. **Finest mixed**.....oz. 20c 5

NEMESIA STRUMOSA SUTTONI

A splendid annual for small beds with very attractive flowers. Colors include white, yellow, orange, pink and crimson; 18 inches.

Finest Mixed..... 20

NICOTIANA AFFINIS

(Tobacco Plant)



Splendid annual with clusters of long white star-shaped flowers, fragrant towards evening; 3 feet high.

Colossea. Fine foliage plant, immense leaves, at first rose and violet, and changing to deep green..... 5

We have had the best chance to know the needs of the Canadian West in the seed line.

NEMOPHILA

(Love's Grove)

Pkt

Free bloomer, cup-shaped flowers of bright colors, the blue shades being particularly pleasing. Plant in moist soil with partial shade. Height, one foot.

Maculata. White, spotted with deep violet..... 5
Finest Mixed..... 5

NIGELLA DAMASCENA

(Love-in-a-Mist)

Showy with elegant cut foliage and pretty blue flowers; 18 inches high.. 5

Hispanica. Purple..... 5

OENOTHERA

(Evening Primrose)

Beautiful hardy plants of easy cultivation, does best on light soil.

Rosea Mexicana. (Mexican). Large pink flowers. One foot high..... 5

PANSIES

So well known as not to require any special mention. To secure best results, strong rich soil must be selected in a somewhat shaded situation and kept moist. Pkt.

BUGNOT'S PRIVATE STRAIN.—This is the finest strain known; of perfect form and richest colors. Our seed is specially saved for us by Mr. Bugnot of France and received direct from him 25

BUGNOT'S LARGE BLOTCHED.—Finely formed flowers of rich and varied colors. Mixed 20

BELGIAN BLOTCHED.—Striped, mottled and blotched flowers in superb mixtures 15

CASSIER'S GIANT.—An excellent mixture for out-of-doors or greenhouse. Of sturdy, compact growth, immense well-formed flowers, the petals overlapping and often beautifully frilled. Rich and varied colors.

Finest Mixed..... 25

PARISIAN LARGE STRAINED.—A splendid strain with large blotched flowers, embracing a great variety of colors 25

SCOTCH PRIZE—An excellent mixture with large massive flowers of beautiful colors and splendid for exhibition. Specially grown seed 25



Pansy—Trimardeau, Giant Mixed.

TRIMARDEAU, OR GIANT. A vigorous race, producing probably the largest flowers of all, of perfect form and marked distinctly with three large blotches.

Finest Mixed. Large flowers, great variety, extra choice. ¼ oz. 60c 10

PHLOX DRUMMONDI

One of the finest annuals, being hardy, easy of cultivation and producing a most dazzling effect when sown



in masses or ribbon beds of contrasting colors. If given good soil and plenty of water they furnish a long supply of delicate flowers of gorgeous colors. Also fine for pots and trailers and as an undergrowth for tall bare-stemmed plants.

Pansy—"English Prize Show."

ENGLISH PRIZE SHOW.—The special characteristics of this strain are the fine velvety texture and bold face-like markings of the flowers.

Finest Mixed..... 25

Biennials and Perennials on Page 57

PHLOX DRUMMONDI—Continued. Pkt.

Grandiflora. Beautiful large flowers, with round petals and well defined eyes.....	10
Scarlet. With white eye; blazing and very effective.....	5
Finest Mixed. Splendid Colors.....	5
Fimbriata or Fringed. Beautiful, with toothed edges; mixed colors, in great variety	10
Dwarf. Finest mixed; blooming very early; excellent for pot culture and edgings.....	10

PETUNIA

Very popular and few plants equal it for outdoor displays. Of easy cultivation and blooms from early summer until frost. Does best in rich soil and sunny situations. Our seed has been specially selected from the best plants of finest strains, and can't be excelled.

GIANT SINGLE VARIETIES.

Blotched and Striped. Very effective for beds and borders; flowers with beautiful star-shaped blotches in charming and varied colors.....	10
Clematis Blue. A lovely color.....	20
Crimson King. Great flowers of deepest crimson	20
Purple. Royal in color and size.....	20
Giant Snowstorm. Glistening white, with ruffled edges; deep yellow throat, ..	20

GIANT DOUBLE VARIETIES.

Giant Rosea Compacta. 6 inches high, with immense double fringed flowers of a brilliant rose color.....	50
Giant Garnet. Double fringed, rich glowing crimson.....	25
Giant Sea Foam. Double fringed, pure white.....	25
Giant Double Pink. Fringed, pure rose pink.....	25
Giant Ruby. Double fringed, mottled and blended, red on white	25
Giant Amethyst. Double fringed, mottled and blended, rich violet on white.....	25
McKenzie's Finest Mixed. A choice mixture of fine strains, of large size, beautifully fringed and superb colors.....	30

POPPY

(Papaver)

The annual varieties are hardy and showy and easily grown. They embrace many rich and beautiful colors. Sow seed early in spring.

American Flag. Large double flowers, pure white at the back and brilliant scarlet on the fringed edges	5
Finest Mixed. A combination of the finest double and single varieties, giving an endless variety of colors of most charming effect.....	5
Carnation-Flowered. Chinese—Very double, globe-shaped flowers, with slender wavy petals, from pure white to dark scarlet. Finest mixed, 15 inches.....	5
Danebrog. (Danish Flag)—Single, of a dazzling scarlet color with large white blotch on each petal; 2 feet	5
Japanese Pompon. Double fringed flowers shading from white to crimson. Very beautiful; 15 inches	5
Mephisto. Single, deep scarlet with blackish violet spots; 18 inches	5
Ranunculus.—Flowered. (African Rose.) — Showy double flowers with thin crinkled petals. Many beautiful flowers; 2 feet.....	5
Rhocus. (Scarlet Field Poppy)—The single variety so much admired by tourists in Europe, where it abounds on the railroad banks and in the fields; 18 inches	5
Shirley. A most charming race; single, with shining flowers of silky texture; colors ranging from pure white and delicate pink to rosy carmine and deep crimson, many being beautifully striped with white edges. The blooms if cut while young will keep in water for two or three days; 2 feet high. Finest mixed	5

PORTULACA

Charming plants and has the happy faculty of flourishing almost under all conditions, though hot sun and sandy soil suit it best. Very pretty for beds, edgings, rock-work and for filling up unexpected gaps in flower beds; 6 inches high. Pkt.

Double. Finest mixed; brilliant and striking colors in great variety 10 |

Single. Finest mixed; large flowers of most brilliant colors..... 5 |



Petunia—Giant Double.



Poppy—Carnation-Flowered.

Did you ever know a little child who didn't like a flower? Our "Children's Collection" will make them happy.

PLUMOSA

Showy, brilliant plume-like flowers.

Finest Mixed..... 5**PHYSALIS FRANCHETI**

(Japanese Winter Cherry)

A large and ornamental variety of the Ground Cherry or Strawberry Tomato. The fruit is large, deep red in color, edible and enclosed in enormous balloon-shaped husks of a brilliant orange red color. Very showy... 10

PYRETHRUM

(Feverfew)

Dwarf bedding plants with yellow fern-like leaves and makes a moss-like tuft.

Aureum. (Golden Feather.) Beautiful foliage..... 10**RHODANTHE**

(Everlasting)

Fine for the open garden or for pots in conservatory. Very beautiful and delicate for dried winter bouquets, for which purpose they should be cut before fully expanded.

Maculata. Bright pink, with crimson circle..... 5**Alba.** Pure white; very beautiful..... 5**Manglesii.** Brilliant rose and white 5**RICINUS**

(Castor Oil Plant)

Tender annuals of rapid and gigantic growth with palm-like leaves. Excellent for sub-tropical effects on the lawn or for centre of beds of foliage plants or for backgrounds.

Cambodiensis. Leaves varying with age from bronze-green to black-purple; stems almost ebony black; 6 feet 10

Zanzibarensis. Mixed—A new and distinct race from East Africa, surpassing others in size and beauty of colors, shades ranging from light green to purplish-red; 15 feet high 10

SALPIGLOSSIS

(Velvet Flower)



Salpiglossis—"Grandiflora."

Most beautiful lily-shaped flowers of many rich colors, veined and laced. Plants about 18 inches high.

Grandiflora. Large flowering; mixed colors 20

Choice Mixed. Elegant mixture 5

SCABIOSA

(Morning Bride or Sweet Scabious)

A showy hardy border plant, with beautifully variegated flowers, blooming freely during the summer and autumn; 2 feet high.

Grandiflora. Double finest mixed; large and showy flowers..... 10

Dwarf Double. Beautiful colors in great variety; finest mixed. One foot..... 5

SCHIZANTHUS

(Butterfly Flower)

Elegant and very free bloomers. Large and beautiful flowers of many colors. Elegant for greenhouse in winter and splendid in the garden in summer; 18 inches.

Finest Mixed. Shades of rose, scarlet, purple and white. 5**STOCKS**

(Gilly Flower)

In the make-up of this family little seems to have been omitted. Good habit, fine leaves, beautiful and fragrant flowers of many colors, blooming for a long season, vigorous and suitable for many conditions of culture, being equally effective for beds and borders, and invaluable for bouquets and floral decorations.

**LARGE FLOWERING TEN-WEEKS.**

(One foot) Pkt.

Blood Red. Very rich.. 10**Crimson** 10**Light Blue.** Exquisite.. 10

Snowflake Improved.
Pure white, very early,
large and double..... 15

Princess Alice. (Cut-
And-Come-Again) pure
white..... 15

Purple. Rich 10**Pure White**..... 10**Bright Pink** 10

Stocks—Double Ten Weeks.

SUNFLOWER

(See Helianthus)

TROPÆOLUM CANARIENSE

(Canary Bird Flower)



Free bloomer of easy cultivation. A splendid climber with charming bright yellow flowers; 10 feet. 5

WHITLAVIA GRANDIFLORA

Delicate, showy, hardy plant with bell-shaped flowers, produced in great profusion. Fine for small beds or ribbons. One foot high.... 5

Full cultural directions on each and every packet of flowers.



Sweet Peas

Through the skill of specialists extraordinary improvement has resulted with the Sweet Pea of late years. The plants are more robust, dwarf, branching, bloom earlier and more freely, with larger flowers of lovely dark, brilliant and delicate combinations. They have become great favorites. Our seed has been specially selected and we are sure will give the highest satisfaction.

CULTURE.

A deep, rich moist soil is most suitable. They can be grown in double rows, with a wire trellis or row of brush between them. Make the rows or drills 5 inches deep and 9 or 10 inches apart; sow the seed from 3 to 6 inches apart and cover 2 inches, and as the vines grow up fill to the level surface. Sow early, frost does not hurt the little seedlings.

McKENZIE'S PRIZE SELECTION.

This mixture contains the finest large-flowering varieties and none of the inferior sorts. The balance of color is carefully studied and the proportion of each variety weighed out before being mixed. Most of them have long stems, each carrying three or four flowers of the finest substance and superb colors. The more they are picked the more the flowers come, and the better for the vines. Pound, post paid, \$1.00; $\frac{1}{4}$ lb., 30c.; ounce, 15c.; large packet. 10

LAURA BELL SUPERB MIXED.

This mixture includes all the leading varieties as well as the new sorts of established merit. It is mixed from named sorts and contains the most beautiful and diversified colors. Pound, 75c.; $\frac{1}{4}$ lb., 25c.; ounce, 10c. 5

ECKFORD'S SUPERB HYBRIDS.

All colors in great variety. Pound, 50c.; $\frac{1}{4}$ lb., 20c.; ounce, 10c. 5

DISTINCT NAMED VARIETIES

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.

WHITE.

Emily Henderson. Pure white, extra large.
Blanche Burpee. Large shell form, very handsome.
The Bride. Robust grower, one of the grandest.

YELLOW.

Mrs. Eckford. Primrose yellow, strong grower.
Stella Morse. Yellow flushed pink, beautiful.

PINK.

Prima Donna. Lovely soft rose pink, fine form.
Countess of Aberdeen. Peach blossom pink, white wings.
Blushing Beauty. Soft pink, suffused with lilac.
Katherine Tracy. Bright pink, perfect flower.
Royal Robe. Rosy pink, shell form.

SCARLET AND CRIMSON.

Firefly. Intense glowing crimson scarlet.
Mars. Bright fiery crimson, best on record.
Lady Penzance. Beautiful orange tinted, rosy wings.

MAROON AND CLARET.

Stanley. Mahogany brown, wings garnet maroon.
Monarch. Large round, rich maroon.
Black Knight. Deep maroon.

BLENDINGS IN BLUE AND LAVENDER.

Emily Eckford. Superb and large, blue and heliotrope.
Coquette. Deep primrose, shaded lavender.
Countess of Radnor. Delicate lavender, wings dark mauve.
Lottie Eckford. White and rosy lilac, blue edges.

STANDARD & WINGS DIFFERENT TINTS.

Bronze King. Coppery rose standard, white wings.
Crown Jewel. Creamy white standard, rose-tinted wings.

CONTRASTING SHADES.

Blanche Ferry. Deep rose standard, white wings.
Sensation. White, suffused with faint rose.
Royal Rose. Carmine rose standards, pink wings.

VARIEGATED AND STRIPED.

America. Large flower, white ground, striped red.
Aurora Gigantic. Shell form, striped salmon on white.
Day-break. White standard, netted with crimson and red.
Gray Friar. Clouded white, dotted with reddish lilac.
Mrs. Jos. Chamberlain. Rose pink and white striped.

TOM THUMB OR CUPID SWEET PEAS.

Compact, dwarf plants not over 6 or 7 inches high, covering a circumference of about 18 inches, hugging the ground, with no tendency to climb. The foliage is very

If you want beautiful showy Pansies and large ones, select from our list.

SWEET PEAS—continued.

green and dense and studded with flowers. Very pretty for edgings, low beds and pots. (Ounce price, 15c.; pkt. 5c.)

Alice Eckford Cupid. Creamy pink standard; wings white, flushed pink.

Beauty Cupid. Delicate rose color, shading to white, suffused rosy carmine.

Blanche Ferry Cupid. Standard bright rose-pink, wings bluish white.

Pink Cupid. A deep rose-pink.

White Cupid. Pure white flowers.

Stella Morse Cupid. Creamy puff and apricot, shaded rosy carmine.

DOUBLE FLOWERING SWEET PEAS.

(Oz. 15c., pkt. 5c.)

Of incomparable beauty. Plants robust. Flowers very large and fragrant and produced abundantly. They do not all come double; generally about half and half of singles and doubles on a stem.

Double Apple Blossom. Rose and blush.

Double Butterfly. White, lavender and blue.

Double Lottie Eckford. White and mauve.

Double Duke of Clarence. Plum-claret.

NEW BUSH SWEET PEAS.

(Oz. 15c., ¼ lb. 40c., pkt. 5c.)

This strain of Sweet Pea grows in perfect bush form, requiring no trellis, nor does it hug the ground. Bush averages from 15 to 18 inches high. The flowers are borne on top of the plant. Beautiful for a hedgerow. When grown separately, better to support with a light stick.

Blanche Burpee Bush. Large white flowers.

Blanche Ferry Bush. Pink and white.

Prima Donna Bush. Soft pink.

Stella Morse Bush. Cream, pink and apricot.

VERBENA



One of the most decorative and easily grown bedding plants. If started in heat in March they begin to bloom in June and continue till frost. Plants from seed are stronger and bloom better than from cuttings. Altho' perennials they bloom freely the first season.

Auricula Flowered. Large flowers with distinct white eyes in the centre of each floret; finest mixed..... 10

White. (Seafoam or Candidissima.) Pure white; elegant. 10

Fine Mixed. Great variety of choice colors..... 5

XERANTHEMUM

(Everlasting)

Showy and easily grown; blooming profusely; fine for winter bouquets; colors pure white and deep purple; 18 inches high.

Finest Double Mixed..... 5

ZINNIA

(Youth and Old Age)



Well known and most desirable for beds and mixed borders. The dwarf varieties with their compact and dense growth are specially suitable for beds; the tall sorts being better for ribbon borders. Bloom from July until frost.

Mammoth Flowering. The largest in cultivation; plant forming a bush, 3 feet..... 10

Zebra. Very pretty; striped flowers..... 10

Pure White. Handsome..... 5

Dwarf Scarlet. Fiery red..... 5

Double Crimson. Large Flowers..... 5

Golden Yellow. Good shape and large..... 5

Double Lilliput. Showy double flowers about one foot high..... 10

Curled and Crested. A beautiful strain; very fantastic and graceful..... 10

I tested your seed, as you know, the past season, with good results. This is the only season I have been able to grow tomatoes to maturity.

Yours, etc.,

D. BRUCE, Stephenfield.

MIXED ANNUALS FOR "WILD GARDEN."

Bright colored, easily grown, greatest variety, giving a succession of surprises throughout the season. Our collection embraces a great many popular varieties, making a brilliant display for little trouble. **Packet, 5c.**

Children's Delightful Collection

(For Home or School)



"School Children's Collection"

ASTERS
MARIGOLD
CANDYTUFT
MORNING GLORY
CHRYSANTHEMUM
PINKS

LARKSPUR
MIGNONETTE
NASTURTIUM, TALL
NASTURTIUM, DWARF
PANSIES
POPPIES

PETUNIA
POTULACA
PHLOX
STOCKS
SWEET PEAS
ZINNIAS

18 Varieties for 60c., post paid The collection not to be changed.

BIENNIALS AND PERENNIALS

The time has come for Biennial and Perennial flowers to be much more extensively cultivated, as many people, especially in rural homes, where the rush of spring work is so great, realize that a beautiful garden may be had from season to season with little trouble by planting Perennials, which, once seeded, continue to bloom for many years. They embrace some of the most beautiful forms in the Flower Kingdom.

Why not have a bed of Perennials? How they rob the place of its bareness and loneliness! Always greeting you with a smile! How soon they become a part of "our home!" Sweet companions for old and young, cultivating habits of observation for the pure and beautiful, and helping to make home a place of love and attractiveness.

BIENNIALS bloom the second year from seed and then die, though many, if sown early in the spring, will flower the first year.

ACHILLEA

A useful hardy perennial plant for cutting; with pure white double flowers; height 15 inches.

Pkt.

Parmica Flore Pleno 10
The Pearl. Flowers very large; excellent for florists 15

ACONITUM

(Monk's Hood)

Hardy perennial plants with showy spikes of hood-shaped blossoms; four feet.

Finest Mixed. Many beautiful colors 5
Napellus. Blue and white 5
Pyrenaicum. Stately yellow spikes 5

ANTHEMIS

Tinctoria. Yellow, hardy perennial. 1½ feet. 10

ARABIS ALPINA

(Rock Cress)

One of the earliest spring-flowering, hardy perennials, of dwarf-spreading habit and profusely covered with pure-white blossoms. It makes an elegant contrast with the golden-yellow flowers of *Alyssum saxatile compactum*, coming at the same season. Height, 6 inches. 5

PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years. Some will bloom the first year if sown early.

AQUILEGIA

(Columbine)

Elegant, hardy perennials, of easiest cultivation; blooming profusely from May to July. They are suitable for herbaceous borders and shrubberies, preferring a moist, sunny situation. Height, one and a half to three feet.

Pkt.

Single Varieties. Finest mixed 5
Double Varieties. Finest Mixed 5
Chrysantha. Beautiful bright yellow. 2 feet 10
Grandiflora Alba. White; long spurs 10
Glandulosa Major. Large, deep blue flowers with pure white centre. 2 feet 15
Skinneri. Large scarlet and yellow flowers. 2 feet 15
Truncata. Brilliant orange-scarlet and yellow. 1½ feet.. 10

ASPERULA ODORATA

(Sweet Woodruff)

Hardy perennial; thriving in partial shade and producing in May numerous pure white, sweet-scented blossoms; the leaves and flowers are fragrant when dried and are used to perfume clothes. Height, 9 inches. 5

ASTER

(Perennial)

Hardy, and if sown early likely to bloom first season. Very attractive autumn flowering plants.

Mixed Colors 10

He lasts the longest who gives some of his time to the beautiful things

ANTIRRHINUM

(Snapdragon)



Great improvement has recently been made in the varieties of this popular perennial. The white primrose, yellow and rose self-colors are now extensively used for winter cultivation under glass; the flower spikes being very decorative and of long duration. The Antirrhinum is one of our most showy and useful plants for the summer garden, continuing in bloom the whole season. It flowers the first year from seed. Height, one to two feet.

Tall Varieties. Finest mixed; height 2 feet..... 5
Rose 5
Dwarf Varieties. (Tom Thumb.) Finest mixed. The Dwarf sorts are excellent for bedding purposes..... 5

BAPTISIA AUSTRALIS

A fine hardy perennial; producing spikes of pea-shaped blue flowers, 6 inches long; 2½ feet..... 5
Leucantha. White. 2½ feet..... 10

BELLIS

(Double Daisy)

Early spring favorites, with their handsome double flowers.
Finest Double Mixed. Rose and white; lovely..... 10

CALLIOPSIS OR COREOPSIS

Perennial Varieties. These frequently bloom the first year from seed sown in spring, it is more satisfactory, however, to sow in July or August, protecting the plants with coarse straw or pine boughs during winter. They will flower profusely the following summer. Height, 2 feet.

Grandiflora. Bright golden yellow flowers, 3 to 4 inches in diameter, the broad petals overlapping and beautifully fringed..... 5
Lanceolata. "Harvest Moon." Large, golden yellow 10

BOLTONIA LATISQUAMA

Pkt.

A beautiful autumn-flowering hardy perennial, closely resembling and allied to the perennial Asters; flowers violet-blue; 3 feet..... 20

CALLIRHOE INVOLUCRATA

Elegant, hardy annual of easy culture and of spreading growth, with large, crimson Linum-like flowers; 1½ feet..... 5

CAMPANULA

(Bell-Flower)

Well-known, decorative biennials and perennials bearing numerous bell-shaped blossoms.

Carpatia. Free-flowering, hardy, perennial, with erect, blue flowers. Height, 6 inches 5
Macrantha. Large, purplish-blue flowers; hardy perennial. Three feet..... 5



CAMPANULA MEDIUM

(Canterbury Bell)

Showy, hardy biennials, growing in pyramidal form and bearing many large, bell-shaped flowers. Two and a half feet. Seedlings raised in July or August bloom the following summer.

Campanula.

Persicifolia. Splendid perennial; blue. Two feet.. 5
Rotundifolia. (Scotch Blue-bell). Deep blue; perennial. One foot 5
Turbinata. Purple; perennial. One foot 5
Extra Fine. Double Mixed. White, rose and blue 5



COBEA SCANDENS

Well-known climbing perennial of rapid growth and flowering the first season; producing large purple, bell-shaped blossoms; 15 feet. Ounce, 80c..... 10

CARDUUS BENEDICTUS

(Blessed Thistle)

Hardy biennial with ornamental green leaves spotted with white. Two feet..... 5

CARNATION GIANT MARGUERITE

A wonderful strain of this beautiful plant, flowers often 3 inches across, usually as double as double can be. Seeds sown in the spring will produce plants to bloom from August till frost, or seeds sown in the summer will produce fine winter flowering plants.

Giant Double Pink 10
Giant Double White 10
Giant Double Scarlet..... 10
Giant Mixed Colors..... 10

CHABAUD'S GIANT.

(Fancy Perpetual Carnations)

This variety surpasses all others in richness and variety of coloring, of incontestable merit for Winter flowering, and hardy enough for garden culture.
Mixed Colors..... 20

Our Asters: "In Nature's beauty more adorned, more lovely than Pandora."

DAHLIA

This popular flower can easily be raised from seed and flowered the same season. The roots should be placed in dry sand and kept in a cellar where there is no frost during winter.



- Pkt.
- Cactus-Flowered.** Double. The petals are fluted and twisted loosely; producing a very graceful and free effect. **Finest Mixed** 10
- Cactus-Flowered.** Single. Very graceful and beautiful flowers; much used for cutting. **Finest Mixed** 10
- Double Large-Flowered.** **Finest Mixed.** Saved from the finest sorts 10
- Pompon.** **Finest Mixed.** **Choicest sorts** 10

DELPHINIUM

(Perennial Larkspur).

Perfectly hardy and grown with ease in any garden. The foliage is clean and pretty; habit strong and neat; flower spikes long and dazzling. Splendid for cut flowers; 3 to 4 feet high.

- Zalli.** Very beautiful; long spikes of yellow.. 10
- Cashmerianum.** Deep purplish blue flowers, spreading many branches 10
- Grandiflorum,** double. Gracefully set with large flowers of many shades 10

EREMURUS

(Kaufmanni).

- Tall-growing perennial resembling the Asphodel; yellow; 4 feet Pkt. 10c.
- Turkestanicus.** Reddish-brown; 5 feet 20
- Grandiflora.** Hardy perennials, producing large, strikingly beautiful flowers. Height, 3 feet 10
- New Hybrids.** **Finest Mixed**.. 10
- Superba.** Crimson and yellow 10

GALEGA

(Officialis Alba).

Hardy perennial, with white pea-shaped flowers; very ornamental and useful for cutting; 3 feet. Pkt., 5c.

Purpurea. Blue. Three feet. 5

FUNKIA ALBA

(White Day Lily).

Splendid, hardy perennial, with broad heart-shaped leaves and large white flowers like Easter Lilies; 1½ feet.

Coerulea. Light blue 10



Chabaud's Giant—Fancy Perpetual Carnation.

CASTILLEJA INDIVISA

Pkt.

Splendid hardy perennial, with brilliant scarlet flower-bracts. Height, 1½ feet..... 25

CENTAUREA

Hardy Perennial Varieties.

Macrocephala. Large, deep yellow flowers; 3 feet.. 10

Montana. Very showy; deep purple; 2 feet 10

DAHLIA ROOTS

(See Summer Flowering Bulbs.)

DICTAMNUS

Hardy, with handsome spikes of purplish-crimson or white flowers. The leaves when rubbed have a lemon odor; 2½ feet.

Fraxinella. (Gas Plant). Red 10

Albus. White 10

DIGITALIS

(Foxglove)



A biennial; prefers a partial shade.

Gloxinoides. Tall spiral plants, with scores of showy flowers beautifully marked Pkt. 5

GENTIANA ACAULIS

(Blue Gentian)

Dwarf, hardy herbaceous perennials, with large, deep blue flowers; suited to moist and shady situations; 4 inches Pkt.

Lutea. Yellow flowers in whorls; hardy perennial; 4 feet 5

HELIANTHUS

(Perennial Varieties)

Maxmilliani. Flowers clear yellow, with several rows of large ray petals and full centre; continues in bloom late in the autumn. Height, 6 feet 15

Rigidus. Golden yellow with dark centre; very showy and valuable for cutting 15

HESPERIS ATRONALIS

(Rocket)

Hardy perennials with lilac-purple or white flowers. Height, 3 feet. Mixed colors. Pkt., 5c.

HEUCHERA SANGUINEA

Splendid dwarf hardy perennial producing erect spikes of vivid crimson flowers. Height, 1 foot. Pkt., 15c.

HOLLYHOCK

This ever popular hardy favorite of our gardens has few rivals in majestic grandeur. The flowers have been improved in size, the fullness of the double sorts increased, and new shades obtained by hybridization and selection. The seeds we offer are saved from plants representing the highest advancement in each class. Hollyhocks succeed best in rich, well drained soil. They should be lightly protected during winter with pine boughs, coarse straw or other mulch not liable to rot. Seeds sown in July produce fine plants for blooming the following summer. Hardy biennials; 6 to 8 feet.



Chater's Double Finest Mixed. The best strain. Immense flowers; very double Pkt. 15
Choice Double Mixed. All colors 10

LAVATERA ARBorea VARIEGATA

Fine effect in masses and borders, variegated foliage; very handsome. 10

LINUM FLAVUM

(Golden Flax)

Hardy perennial with golden yellow flowers, blooming freely from June to September; 1 foot. Pkt., 5c.

MYOSOTIS

(Forget-Me-Not)

Dwarf, half-hardy perennials, bearing a profusion of little star-shaped flowers. They thrive best in rather moist shady situations. Most of them will bloom the first year from seed if sown early. If sown in July or August in shaded frames fine plants will be obtained for spring blooming. They are very beautiful when planted in combination with late spring bulbs, Daisies, Arabis or Golden Alyssum.

Finest Mixed Varieties. Various shades of blue, rose and white 5
Alpestris. Bright blue; 6 inches 5
Palustris. True Forget-Me-Not; bright blue; 9 inches 10

SWEET WILLIAM

(Dianthus Barbatus)

This old-fashioned flower is too well-known to require description 5

If you have tried our seeds and found them O.K. please speak a good word for them to your neighbors.



Primula—Double Chinese.

PRIMULA

(Primrose)

Among the finest winter and spring blooming pot plants; of healthy, sturdy growth and free from insects. Seed sown in the spring produce fine plants for next winter's blooming. Our strains are selected from the finest varieties.

SINGLE GIANT FLOWERING FRINGED.

	Pkt.
Giant Crystal White	25
Giant. Mixed colors.....	25

DOUBLE CHINESE.

Magnificent plants with large trusses of double fringed flowers, almost as large as Carnations.

Giant Double Red.....	50
Giant Double. Mixed colors.....	35

OBCONICA GRANDIFLORA FIMBRIATA.

Wonderful bloomers of large fringed flowers, flowering nearly the whole year.

Large Fringed Lilac.....	15
Large Fringed. Mixed colors.....	15

PAPAVER, OR POPPY

(Perennial Varieties)

Showy hardy perennials with brilliant flowers suitable for borders and clumps among shrubs. The Iceland Poppy (*P. Nudicaule*) will bloom the first season if sown early. All the perennial varieties may be sown in July or August to bloom the following summer.

	Pkt.
Alpinum. (Alpine Poppy). Finest Mixed. Charming dwarf Poppies, with brilliant flowers of many colors, including pure white, yellow, orange, rose and scarlet. Height, 1 foot.....	10
Bracteatum. A very early and free-flowering Poppy of branching habit, producing large, brilliant crimson-scarlet flowers. Height, 3 feet.....	10
Nudicaule. (Iceland Poppy). A beautiful class of perennial Poppies which will bloom the first season if started early. They are particularly desirable for cutting and have an agreeable fragrance. Height, 1 foot. Finest Mixed.....	10
Paniculata. Tiny white flowers in light panicles; hardy perennial; 2 feet.....	10

PERENNIAL PHLOX

(Phlox Decussata)

Splendid hardy herbaceous plants producing large trusses of showy flowers on tall stems, which bloom from July until frost. They are equally effective for beds, perennial borders or groups among shrubs. The colors range from pure white to deep crimson and purple. Height, 3 feet.

Finest Mixed. In superb mixture.....	10
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POLEMONIUM

(Jacob's Ladder, or Greek Valerian)

Hardy perennials with deeply-cut foliage and clusters of handsome flowers; thriving in any good soil. Height, 2 feet.

Coeur-leuon Grandiflorum. Beautiful spikes of deep blue flowers, coming from May to July.....	5
Album. Pure white.....	5

SCABIOSA

(Or Scabious, Perennial Varieties)

Caucasia. Magnificent hardy perennial with beautiful, large light blue flowers; height, 2 feet ..	10
Alba. White. New	15

VERONICA

(Speedwell)

Showy, hardy perennials of easy culture and thriving in any good soil.

Spicata. Bluish-violet spikes; 1 foot	5
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WAHLENBERGIA OR PLATYCODON

(Japanese Balloon Flower)

Magnificent hardy perennials of erect bushy growth and bearing a profusion of large, bell-shaped flowers, varying in color from pure white to deep violet.

Grandiflora. Deep blue, balloon-like flowers. Height, 3 feet	5
Alba. White	5
Mariesi. Dark blue, dwarf.....	5

WALLFLOWER

Highly prized for its rich sweet scented flowers and continuing long in bloom.

Double Dwarf.	10
Harbinger. Autumn and winter and early spring flowers. Brown color.....	5
Single. Fine mixed.....	5

TO ENCOURAGE THE CULTIVATION OF PERENNIALS WE MAKE THE FOLLOWING SPECIAL OFFER:

"Select" Perennial Collection.

MONK'S HOOD (*Aconitum*)
 SNAP DRAGON (*Antirrhinum*)
 DOUBLE DAISY (*Bellis*)
 COBEA SCANDENS (*Climber*)
 DAY LILY Mixed
 LARKSPUR (*Delphinium*)

FUNKIA
 PERENNIAL PHLOX
 SWEET WILLIAM
 WALLFLOWER, Double German
 HOLLYHOCK Mixed
 COLUMBINE (*Aquilegia*) Mixed

The 12 varieties for 70c post paid
 (Regular price \$1.00)

Your choice of any 6 varieties 40c
 (from this collection)

Every packet contains the finest selected high-priced seed.

1904 is going to be a banner year with us. Send your order in early.



AND PLANTS

READ THIS—We prepay postage on all Plants and Bulbs sent by mail; but as the postal regulations limit the size of parcel, it necessitates our sending smaller plants. However, they are quite equal **GOOD** to any that can be forwarded by mail by any other firm.

EXTRA GOOD When sent by express, customers pay the charges, but we always endeavor to make up the difference by sending *large* plants which are seldom equalled from any other source.

Annuals for Bedding Out

These fill a very useful place, as it sometimes happens that early sown seeds fail to appear, through too much cold, or wet unseasonable weather; or unexpected frost may cut off the young plants when they are just above ground. When such blanks occur, by procuring Plants, a good display may still be secured for the season. Again, some people prefer to set out the plants from the start, thus getting a display at once.

The following are best varieties; transplanted. **Price 40c. per dozen.**

Asters	Petunia	Phlox Drummondii	Stocks	Lobelia (for edging)
Verbenas	Zinnia	Sweet William	Pinks	Pyrethrum “
		Pansies		(Golden Feather)

Hardy Herbaceous and Perennial Plants

Hardy Perennials are particularly well adapted to suit the conditions prevailing largely throughout the Canadian West. This is a very busy young country, and the summer season being short, many farmers and ranchers will not take time to sow Annuals every year, but by planting Hardy Herbaceous Perennials the task of sowing seeds every season is avoided. In these we have the choicest garden favorites. Year after year they appear in stately groups or rows, adorned with the loveliest grace and beauty, forming a lasting remembrance.

We can recommend the following list with confidence. They are grown right here at Brandon; are outdoor and hardy plants, and will live outside during winter, although it is safer to cover with a little light, dry manure in the Fall, to meet an exceptionally hard season.

Any good garden soil suits; a sandy loam, however, is preferred.

ACHILLEA (Yarrow or Milfoil)		DIELYTRA SPECTABILIS (Bleeding Heart)	
Rosea. A dwarf plant; red flowers.....	each 15	An old favorite; long, drooping racemes of pink and white flowers from May to August.	25
Ptarmica. Daisy-like flowers; valuable for cutting	15	DIANTHUS (Pink)	
AQUILEGIA (Columbine)		Superba. Hardy, rosy white.....	5
Long Stem. Very showy flowers.....	15	Nana. Very hardy and pretty plant	5
COREOPSIS		Pinks, Mixed Varieties	per dozen 40
A showy plant, orange flowers, 2 to 3 ft. high.	15	GYPSOPHILA	
DELPHINIUM (Larkspur)		A fine herbaceous plant with small and delicate flowers	each 15
In variety and beauty its blue tints are charming; flower spikes 3 feet high, giving a grand effect; flowers blue and white. From June to September.	15	HOLLYHOCK (One Year Plants).	
		Chater's best double varieties,	15

IRIS, OR FLAG LILIES

Wide range of colors, rich and velvety, blooming from May to August. 15



Lily of the Valley.

LILY OF THE VALLEY

Fragrant silvery bells, lovely for bouquets; good large clumps, not pips. Flowers in May. 15

LILIES

Orange. Flowers in August. 15
Tigrinum. (Tiger.) Single and double. 15
Hemerocallis. (Day Lily.) Showy, milky white. 15
Funkia. (Plantain.) Tall blue flowers, glossy foliage 15



Phlox, Perennial Mixed.

PHLOX

Hardy, succeeding in any soil and position. Large bushes, 3 to 4 feet high with immense heads of many colored bloom. 15

Distant fields seem bright, but genuine worth is in our Brandon seeds.

LYCHNIS

Tall lovely scarlet flowers, blooming from June to September. Each, 15c.



Rudbeckia.

RUDBECKIA

(Golden Glow)

Grand new plant of vigorous growth, 6 feet high, forming large bushes, loaded the first season with golden yellow blooms like asters. A very handsome perennial. Each, 15

PANSIES

Largest and best varieties, 40c. per dozen.

PAEONIES

Perfectly hardy in this climate; of vigorous habit and healthy growth, free from disease and insects. Each succeeding year adds to their size and beauty. May be planted either singly on the lawn or in borders. The following are very choice:—

	Each
Rosea. Light rose color, each	25
Rubra Pleno. Deep red.....	25
Globosa Grandiflora. White	25
Ambroise Verschaffelt. Purple crimson; one of the finest	25
Chas. Verdier. Lilac rose, superb.....	25
Louis Van Houtte. Bright purple, large, very fine	25
Modeste. Deep rose.....	25
Mad. Bouchelat. Bright rosy lilac, late.....	25
Festiva Maxima. White, shaded with carmine, one of the finest.....	40
Rubra Triumphans. Dark purplish crimson, very sweet	40
Violacea. Dark violet purple, very large and fine.....	40

CLIMBING PLANTS

Virginia Creeper, or American Ivy. Native variety. Perfectly hardy.....	25
Hops. Native variety.....	10

SWEET WILLIAM

Large 2-year plants, best varieties, 40c. per dozen.

Summer Flowering Bulbs

Plant after May 20th; will flower from end of July to September. Before the ground freezes in the fall, dig up the bulbs, cut off the stalks and store in a dry place until the following spring.



Cannas.

CANNAS

They are grand plants, easy to raise, with tropical foliage and brilliant flowers.

Mad. Crozy. Finest mixed.....10c. each, \$1.00 per doz.

DAHLIAS

The grand autumn flower, blooming when others are dead and only surrendering to the Frost King. To get the best results, don't allow too many shoots to grow.

LARGE FLOWERING NAMED VARIETIES.

Harold. Single dark maroon15c each, \$1.50 per doz.
Snowdrift. Pure white, double..... " "
Sunrise. Scarlet, showy, double..... " "
Amazon. Yellow, fringed red, double.. " "
Sambo. Rich velvety black, double.... " "
Best Mixed Varieties10c each, \$1.00 per doz

Roses

This "Queen of Flowers" may be grown quite readily in this climate; many of the Hybrid Perpetual varieties are quite hardy and will live through our winter with a slight protection by bending over the bush and covering with light manure or other material; some varieties need no protection whatever.

Roses should be planted fairly deep in friable rich soil and be cut back when planted; don't be afraid to cut them back; they will bloom all the better on the new shoots.

We offer the following hardy varieties—all two year old plants—grown right here:—

	each
Rugosa, or Japan Rose. Perfectly hardy anywhere; single flowers, deep glossy foliage.....	35
Harrison's Yellow. Golden yellow, semi-double, free blooming	35
Madame Plantier, or Cemetery Rose. Pure white, double, very hardy and produces roses in abundance....	35
Magna Charta. Pink, full globular.....	35
Stanwell Perpetual. Blush, medium size, double.....	35
Madame Bruntii. White, semi-double, produces buds in clusters; very sweet scented.....	35
Marshall P. Wilder. Cherry carmine, double, a beautiful rose; one of the finest.....	50
Ulrich Bruner. Brilliant red, large double.....	50
American Beauty. Large pink double, one of the best...	50
Soleil D'or. A valuable new introduction, hardy, golden	75

GLADIOLI

A beautiful flower, produced in long spikes about 3 to 4 feet high. They embrace a wide range of color and are very attractive. For the best results, cut the spike when the first bloom opens and bloom in the house; this treatment is also best for the bulbs.

CHOICE NAMED VARIETIES.

(Price 8c each, 75c per doz.)

Ceres. Pure white,
Chameleon. Large, slaty lilac flowers.
Isaac Buchanan. Yellow; one of the best.
John Bull. Ivory white, tinged yellow and lilac.
Marie Lemoine. Cream, flushed salmon lilac.
Napoleon III. Bright scarlet.
Shakespeare. White, rosy blotch in centre.



Childsi Giant Mixed.

CHILDSI GIANT MIXED.

5c. each; 35c. per dozen.

Large spikes, 3 feet high, covered with blooms of immense size. No garden is complete without some of these lovely bedding plants.

MOSS ROSES

These flower very freely and are well worth planting, even if only for one summer's bloom.

(Price 35c. each).

Salet. A very free blooming variety; we had bushes not more than one foot high this year that produced 15 to 20 roses each at one time.

Crested. Pink, very fragrant and beautiful.

Luxemburg. Crimson, vigorous.

Crimson Globe. Large, full, deep crimson; a fine variety.

Princess Adelaide. Pale, rose color; medium size.

Countess de Murinais. White; a fine variety.

When a real good new variety comes out, suited to the West, we add it to our list.



It is a great advantage to buyers of Nursery Stock to secure their requirements from us, as all our trees cuttings, etc., are grown here at Brandon, where the soil and climatic conditions are similar to that of most parts of the North-West. While it is not easy to furnish stock that will succeed equally well in all parts of this country, yet few places are exposed more than Brandon; therefore the TREES and PLANTS we offer may be relied upon as safe to plant in almost any district. The splendid satisfaction given in the enormous business we have done in the past few years in trees, etc., is the best evidence we can give that our stock is hardy and does well.

All orders entrusted to us receive our utmost care and attention. It is usually after April 15th or 20th, according to the season, before shipments can be made.

ALL NURSERY STOCK SHIPPED BY EXPRESS AT PURCHASER'S EXPENSE.

SHADE AND ORNAMENTAL TREES

For street or roadway planting leading up to residence, we would recommend Maple, Elm and Cottonwood as most suitable. The Russian Poplar is better adapted to inside planting. The Russian Willows make the fastest and best growth where shelter is desired.

	Each
Ash. 5 to 6 feet.....	35
Ash Leaf Maple, 4 to 5 feet; ½-in. stem.....	20
" " 5 to 6 feet; ¾-in. stem.....	30
" " 6 to 7 feet; 1 in. stem.....	50
Elm. 2 to 3 feet.....	15
" 5 to 7 feet.....	40
Cottonwood. 6 to 7 feet; ½-in. stem.....	35
Russian Poplar. 5 to 7 feet; ¾-in. stem:.....	35
Russian Willow. Golden. 4 to 6 feet.....	20
Laurel Willow. 4 to 5 feet.....	20
Cut Leaf Weeping Birch.....	1 25
Weeping Caragana.....	75

SEEDLING TREES AND CUTTINGS

The Maple and Willows make very satisfactory hedges for shelter purposes. Cottonwood and Russian Poplars do not thrive well after 3 or 4 years' growth if planted closely together, as is required to make a good windbreak.

	Per 100.	Per 1000
Ash Leaf Maple. Seedlings; 1 year. 9 to 12 in..	\$ 75	\$5 00
" " " 2 years transplant- ed, 2 to 3 feet.....	2 00	15 00
Ash Leaf Maple. Seedlings; 8 years transplant- ed, 3 to 5 feet.....	10 00	
Ash. 9 to 12 inches.....	75	5 00
Elm. 9 to 12 inches.....	1 00	6 00
Elm. 2 years transplanted. 2 to 3 feet.....	5 00	
Cottonwood. Very fast grower. 15 to 20 inches.	75	5 00
Russian Poplar. Young trees well rooted.....	5 00	
" " " Cuttings.....	75	6 00

	Per 100	Per 1000
Russian Willow. Brown wood varieties. Trees 3 to 4 feet.....	5 00	
" " Golden wood varieties. Trees 3 to 4 feet.....	5 00	
" " Laurel leaf varieties. Trees 3 to 4 feet.....	5 00	
" " Cuttings.....	75	6 00

EVERGREENS

To transplant Evergreens successfully the roots must not be allowed to become dry; plunge the roots in water as soon as received. Plant firmly in cloudy weather, or in the evening, and keep cool by cultivation.

White Spruce. Native variety. 2 to 3 feet high. Transplanted twice. Each.....	50
White Spruce. Forest grown. 2 to 3 feet. Per 100.....	\$15 00
Juniper. Dwarf growing and hardy. 1 to 2 feet.....	35
Larch or Tamarac. 3 to 4 feet.....	35
Scotch Pine. 2 years transplanted. 9 to 15 inches.....	20
Arbor Vitæ. (Need shelter from wind.) 2 to 3 feet.....	50
White Spruce. Seedlings. 6 to 18 inches.....	Per 100 3 00
Balsam Fir. Seedlings. 6 to 10 inches.....	2 00
Larch. Seedlings. 6 to 18 inches.....	2 00
Scotch Pine. Seedlings. 6 to 9 inches.....	2 00

FOR LOW ORNAMENTAL HEDGES

Lilac, Honeysuckle and Caragana are the hardiest and most serviceable for this purpose. The Buffalo Berry with its white leaves, red berries and thorny wood, makes a good hedge plant, while the Southernwood is quick growing and makes a useful hedge to provide shelter for more tender plants.

	Per 100
Caragana. Seedlings.....	\$1 00
" 2 years transplanted. 1 to 3 feet.....	5 00
Lilac. 2 to 3 feet.....	5 00
Buckthorn. 12 inches.....	3 00
Buffalo Berry. 2 to 3 feet.....	5 00
Southernwood. Tall variety. 4 feet. Cuttings.....	50
" Dwarf variety. 1 foot. Cuttings.....	50

A belt of trees not only add to the beauty of a place—they also make it more valuable.

ORNAMENTAL SHRUBS

With little care and at very small expense the surroundings of a home may be made very beautiful. Plant the taller growing varieties, such as Lilac and Honeysuckle, in the background, with Buffalo Berry, Spirea and other low growers in front.

PRICE, 35c. EACH FOR ANY VARIETY.

Buffalo Berry. (Shepherdia Argentea)—A beautiful hardy shrub, highly suitable for hedges. Its attractive red fruit makes excellent jelly. Foliage lovely grey. Plant 2 feet apart.

Barberry. (Berberis Vulgaris)—Green and purple leaved varieties; very pretty.

Caragana or Russian Laburnum. Rapid growing with pretty foliage and bearing in profusion bright pea-shaped yellow flowers; very hardy. Excellent for hedges; 3 to 4 feet high.

Cytisus Laburnum. Profuse yellow bloom; tender in some locations.

Flowering Currant. Red or yellow varieties. This popular hardy shrub should be in every garden.

Honeysuckle. Tartarian bush variety, from 2 to 3 feet high. Light rose colored flowers, succeeded by bright red berries.

Honeysuckle. White flowers, 2 to 3 feet.

Lilac. How well these hardy favorites repay us for just simply giving them a place in our garden; the noble, stately bushes never fail to delight with their gorgeous display of bloom.

Lilac. (Syringa Purpurea)—Our hardy purple variety.

Lilac. (Persian)—Pretty lavender, very free blooming, 2 to 3 feet.

Lilac. White and vari-colored varieties; 2 to 3 feet.

Spirea Van Houttei. Perfectly hardy, rich blue-green foliage and producing a perfect mass of white bloom.

Spirea Opulifolia. Golden leaved, small white flowers.

Spirea Billardi. Very pretty, rose color.

Ginnalian Maple. Very pretty shrub; 2 to 3 ft. high.

Fruit Trees

Every year's experience convinces us that certain of the hardier varieties of Apples and Plums may be successfully grown in this country. The soil should be well worked for three or four years, and the situation sheltered from the south-west winds.



We regret the accompanying illustration is not more clear, but it represents trees of three years growth at our nursery here in Brandon. We allow these trees to branch out one foot above the ground, which is the most successful method by which to grow them in this climate.



Crab Apple Trees.

LARGE FRUIT

Our Apple, Crab Apple and Plum Trees are the hardiest it is possible to get, grafted on hardy stocks and growing right here in Brandon.

APPLE TREES.

Well rooted and thrifty, 5 to 6 feet high. (Price 50c. each for any variety).

Hibernal.—Probably the hardiest we have; the tree is very spreading in habit, but is said to be an early and regular bearer and very productive. The fruit is large and streaked red when ripe. A late fall apple.

Anison, or Good Peasant.—Another very hardy variety; a late fall apple of the best quality; large size; streaked red when ripe.

Duchess of Oldenburg. A hardy early apple. We had a number of trees of this variety produce fruit this past season; the apples were of a good size, clean and firm and were ready for use in August.

Wealthy. With us this is not so hardy as the preceding varieties, but is hardy and bearing fruit in some places in Manitoba and in Alberta.

CRAB APPLES.

The trees we are growing do well with us; nearly all the varieties prove hardy when grafted on to hardy stocks. These hardy Crabs will be very profitable to grow as the trees bear early and very abundantly and many varieties are of good size and quality. The plates of Crab Apples exhibited by so many different farmers and growers at the Brandon Horticultural Society's Show in August last would indicate that this fruit is being grown with success in this country more widely than is generally known.

We offer choice young trees of the following varieties, 3 years grafted, 5 to 6 feet in height. 50c. each.

Alaska.—Red and Yellow Siberian—Very hardy, medium sized fruit, very sound and clear.

Western Canada will yet be producing lots of fine fruit.

CRAB APPLES—Continued.

Transcendant.—Hardy and thrifty tree; large sized fruit ripening in August.

Whitney.—Fine, straight, upright growing tree; large red fruit, good for eating or cooking. Ripens in September.

Hyslop.—Thrifty growing shapely tree, bears abundantly, fruit large, deep crimson color and will keep for months.

Virginia.—Very hardy variety and a strong grower; fruit large, deep red in color; ripens in September and keeps well.

Small Fruits

FRUIT BEARING BUSHES.

	Per doz.
Gooseberries. (Large Fruit.) Varieties — DOWNING, CHAMPION, TRANSPARENT and PEARL. Per doz.....	2.00
Gooseberry. (Small Fruit.) HOUGHTON—very prolific and hardy.....	1.50
Black Currant. Lee's Prolific.—Largest and best variety. Upright bushes and good bearers.....	1.50
White Currant. Prolific in quantity and fruit; large in size.....	1.50
Red Currant. DUTCH, VICTORIA and VERSAILLES (Ruby Castle) are good varieties. Not large fruit, but hardy and regular croppers.....	1.50
Red Currant. — FAY'S PROLIFIC CHERRY and MOORE'S RUBY are varieties producing large fruit. On heavy land FAY'S is apt to become very weak and spreading in growth.....	1.50
Red Currant. — LONG BUNCH—Appears to be specially well adapted to our Northwest climate; growth is very rapid, fruits heavily in large bunches. Withstands heat and drouth well.....	1.50

STRAWBERRY PLANTS.

There is no reason why this most delicious fruit should not be more extensively cultivated. For about fifteen years they have been grown at Brandon with success, some seasons producing heavy crops and never absolutely failing.

The strawberry requires a rich, loose soil with good under-drainage, and provision must be made for winter protection. If a shelter grove of trees is not available, by having a row of tall growing spreading plants alongside to collect the drift snow over the strawberry plants, the need will be supplied. It is not good to cover with manure or straw as the snow packs and freezes too solid causing the plant to smother out. The best time to set out is during months of May and August.

PLUMS.

Trees 3 years grafted, 5 to 6 feet. 75c each.

Cheney.—The hardiest and best variety we have found; trees bear early and abundantly; fruit averages large and firm; purple in color and ripen end of August; a valuable variety.

Forest Garden.—Another good variety; bears very heavily; fruit large, sweet and juicy; not quite so large as Cheney; ripens early in September.

Strawberry—continued

The staminate kinds are self-fertilizing; the pistillate should have plenty of the staminate varieties interspersed fairly thickly among them to pollinize the blossoms.

	Per doz.	Per 100
Crescent. (pistillate), a good, hardy and reliable variety.....	1.00	
Warfield. (pistillate), vigorous, and equal to the Crescent in productiveness.....	1.50	
Haverland. (pistillate), well flavored firm fruit.....	1.50	
Williams. (staminate), a good variety, firm fruit.....	1.50	
Bederwood. (staminate), vigorous and promising.....	1.50	
Captain Jack. (staminate), strong, vigorous and productiveness; medium sized fruit.....	1.50	

RASPBERRIES.

	Per doz.	Per 100
London. A promising new variety.....	50	
Turner. Hardest and easily grown.....	50	3.00
Philadelphia. " ".....	50	3.00
Marlboro. Not quite so hardy as above and ripens a little later, but larger fruit.....	50	4.00
Cuthbert. (Description of Marlboro applies).....	50	4.00
Reider. Hardy, late variety, large fruit, delicious.....	50	4.00
Premier. " ".....	50	4.00
Capoline. (Golden Queen.) Hardy yellow.....	50	4.00
Schaffer's Colossal. Purple color, large and prolific.....	50	4.00
Raspberries Black. Very hardy and prolific; fruits in clusters; easy to gather, best when planted under shade trees.....	50	4.00
Blackberry. Best when planted under shade trees.....	75	
Thimbleberry. Best in shade.....	75	

What Others Have Done, You Can Equal.

A plantation of Small Fruits, if of hardy varieties and well cared for, is one of the most pleasant and profitable adjuncts to a farm. During the hot summer weather it is essential to health that a varied change of diet be prepared for the table, and how useful the garden becomes at that season is only known to the housewife who can run to the Rhubarb plot for a few stalks to stew for pies, or to the Currant bushes or the Raspberries each in their season. And should there be a surplus to sell for cash it often comes in very handy just before the harvest. There are few people who know what nice little sums of money may be made from this source. Why, even during the past season, which was not generally favorable to fruit, one of our farmers near Brandon claims to have sold over 100 pails of Raspberries at the modest price of \$2.50 per pail. Another farmer near Brandon claims to have picked 40 pails of Crab Apples from one tree, and these worth \$1.00 per pail.

Such crops of fruit may seem large for Manitoba, which certainly has never been considered a fruit country, but we frequently hear of big wheat yields which we know our country is capable of producing; the above instances of big fruit yields would indicate that there are possibilities of production along this line throughout the Canadian West that few have dreamed of.

VALUABLE BOOKS FOR FARMERS AND GARDENERS

Postpaid at Prices Printed.

1. An Egg Farm (Stoddard) On the Management of Poultry.....	\$1 00
2. Harris on the Pig.....	1 40
3. Onion Culture, New Method (Grainor).....	50
4. Practical Taxidermy and Home Decoration.....	1 00
5. Bulb Culture.....	25
6. Prairie Experience in Handling Cattle and Sheep.....	1 00
7. Rarey's & Knowlton's Complete Horse Tamer.....	60
8. House Plants. How to Succeed.....	1 25
9. Vegetable Gardening (Green).....	1 25

Nature has made the prairie for the plow, but man is expected to provide shelter belts for fruits.

MISCELLANEOUS**ALL PRICES ARE F.O.B. BRANDON, EXCEPT WHERE NOTED****Preservaline****The Wonder of the Age. Just what the settler in this Great West country needs.**

Preservaline has received the award of many medals and diplomas, and thousands upon thousands of testimonials from those who have used it. It is a veritable boon to all who handle or consume **Milk, Cream, Butter, Eggs, Meats, Game, Fish, Fruit** and any Food substance whatsoever.

Full Directions for Using Accompanying Every Order. Try It.

"M" Preservaline is used to keep milk and cream from souring for drinking or which is made into ice cream; also to keep buttermilk. Add direct to the milk, stirring in gently for a few minutes until dissolved, or dissolve in milk or water first. **Lb. 50c., 5 lbs. \$2.00**

Special "G" For removing from milk, cream, etc., bad odors and foreign flavors, and particularly those caused by cattle eating weeds, wild onions, turnips, garlic, etc. **Liquid, 1/2 gal., \$3.00.** (Cannot be mailed.)

"R" Forropy, stringy or bitter milk. This will at the same time keep the milk from souring for four or five days without ice. **Lb. 60c., 5 lbs. \$2.50**

"BB" To be used to keep milk and cream which is intended to be made into butter and cheese, and also to hold butter from six to twelve or fifteen months in its fine, natural and rich flavor. Cheese can be kept from getting mouldy or strong by merely wrapping in a cloth saturated in a solution of Preservaline. **Lb. 50c., 5 lbs. \$2.00**

Flavorine For imparting to butter the rich sweet flavor of June butter. Invaluable to re-workers of butter. **Lb. \$3.00**

"E" Keeps eggs sound a year without affecting the appearance or cooking qualities. **Lb. 50c., 5 lbs. \$1.75**

"A" Preservaline is used for fresh meats, game, poultry, tenderloins, sausage, chopped meat, sweetbreads, etc. This will keep the meat perfectly sweet and moist and retain the natural color. **Lb. 50c., 5 lbs. \$2.00**

"C" For curing, corning and preserving beef, pork, hams, bacon, etc. Prevents pickle sliming and scouring. No saltpetre required. Will keep sweet for six months. **Lb. 50c., 5 lbs. \$1.75**

"CC" For protecting smoked, salted and fresh meat against flies and skippers. **Lb. 60c., 5 lbs. \$2.50**

"Butter Powder" It brings the butter quickly—generally in from ten to twenty minutes—producing good firm butter in hot weather. **Lb. 60c., 5 lbs. \$2.50**

"Sportsmen" For game, fish and birds. It will keep them sound and fresh from fifteen to twenty days, even in the warmest weather without the use of ice. All the leading hunters, anglers and shippers of game are now using this. **Lb. 75c., 5 lbs. \$3.00**

"Fruit" For preserving fruits of all kinds, vegetables, jams, jellies, mince meat, catsup, etc. Select good, firm, sound fruit, not over-ripe—barely ripe is better—pack closely in fruit jars or bottles and then pour the solution over them until covered. It is not necessary to heat the fruit or seal it air-tight. **Package, No. 1, enough for 60 quarts of fruit, etc., 60c.; lb., enough for 200 gallons of fruit, etc. \$2.40**

"Family" Will keep all kinds of perishable food substances perfectly fresh and in sound state, in any kind of weather and temperature for any length of time without the use of ice. Made especially for household use, and adapted for milk, cream, buttermilk, butter, cheese, meats of all kinds (fresh, salted or smoked) sausages, fish, game, poultry, fresh or cooked food, vegetables, etc. Ready for use at all times and no ice needed. **Trial package 25c., lb. \$1.00**

Preservaline by Mail—add 5c. per pound for Postage and Packing**Oil Cake, Etc.**

	Per 100 lbs.
FLAX SEED, for feeding ..	2.25
FLAX SEED, ground meal ..	4.50
OIL CAKE, fine ground....	2.25
OIL CAKE, natted	1.90
ROCK SALT.....	2.00

These prices include sacking

Crushed Oyster Shells

All poultry breeders recognize the fact that a grit of some kind is a necessity. Especially is this the case in the Northwest during the winter season, when the fowls are deprived of outdoor ranging for so long a time. Nature demands that a supply of this character be provided before eggs can be obtained. Crushed Oyster Shells fill the want probably better than anything else, as they are practically pure carbonate of lime. Even during the summer they may be fed to advantage.

Price: No. 1 Oyster Shell, coarse crushed, 20 lbs. 50c., 100 lbs. \$2.00. No. 2, medium shell, 15 lbs. 50c., 100 lbs. \$2.00.

**Care in selecting new varieties makes farming a pleasure as well as a profit.****Prices for Bags**

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order:

1 1/2 bushels, Jute Potato Bags, per doz.	90c.
each	10
2 bushels, Cotton, Seamless. Our Special Heavy 17 oz., 25c. each, "B" each	20
3 1/2 bushels, Jute Sack for Grass Seed, each..	10

We carry large stocks of Seamless Cotton Bags and Heavy Jute Sacks, which we can easily ship with other goods should our customers order.

	Per 100
Cotton, "S.B."	19.50
" " "H.A."	23.50
" " "H.H."	24.50

Our **Buffalo Brand Jute Wheat Sack** is a great leader. Size 20x45, weighs good 16 oz., holds 2 bush. and ties easily. Price \$13.50 per 100.

Handy Tools

THE HAZLETINE HAND WEEDER, the handiest tool for weeding yet introduced, postpaid. Each, 35c.

GARDEN TROWELS, handy for transplanting. Each, 35c.

GARDEN LINES, in 30 ft. hanks, strong. Each, 25c.

MISCELLANEOUS—Continued

GARDEN REELS, light, strong and handy, by express only, at purchaser's expense. Each, 80c.
DELUGE SPRAYER. The best in the market for spraying trees, bushes, plants, potatoes, vines,

Bluestone

FOR PICKLING WHEAT. Best quality. Price upon application.

McKENZIE'S FORMALIN SOLUTION FOR PICKLING OATS. Much more effective than Bluestone for oats. 4 oz. bottle, 35c., 1 lb. bottle, 85c., postpaid.

To Pickle Wheat—Use Bluestone Solution. Take one pound of Bluestone to three gallons of water and regulate the flow of grain and liquid to suit. This quantity should pickle 10 bushels of wheat.

To Pickle Oats—To each 4 oz. bottle of McKenzie's Formalin Solution add 10 gallons of water and mix thoroughly. Regulate the flow of liquid to suit the grain. This quantity should pickle 25 bushels of oats.

henneries. Also horses, cattle and swine, for keeping off flies and lice. Postpaid, 85 cents each.

HANDY SPRAYER. Constructed without special fluid tank, but seems to give equal satisfaction. Postpaid, 75c.

BIBBY'S CREAM EQUIVALENT FOR CALVES 50 lbs. 2.50
 100 lbs. 4.50



The New National Hand Broadcast Seeder.

feet; other Seeds (excepting Brome and Western Rye Grasses), accordingly. The very latest and best in the market. **NO FARMER SHOULD BE WITHOUT ONE.** Shipping weight, 5 lbs. Price \$2.25 each by express. Postpaid price \$2.65.

The New National

HAND

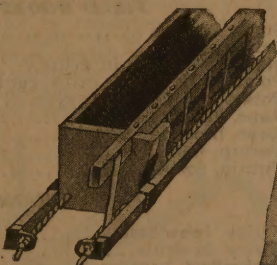
Broadcast Seeder

Last season we introduced this Labor Saving Machine into this Western Country for the first time. A large number were sold, and we have yet to receive our first complaint as to satisfaction given. It will be found a much-needed requisite on the farm. It is built on the same principle as a machine that has met with universal satisfaction and had a very extensive sale during the last three years in Ontario. The New National, which was patented June 11, 1901, is quite noticeable in its many points of excellence, and the manufacturer gives a strong warranty with every machine.

Simple, Durable and Reliable. It has one cog wheel only, where the other has four, making the weight a mere trifle. It will sow 30 acres a day quite easily, and distributes the seed evenly, as follows: Wheat and Rye, 50 feet; Oats, Millet, Flax and Clover Seed, 36

The Brandon Seed

This seeder is specially designed for sowing Brome Grass and Western Rye Grass, and fills a very important want in farming. It is surprising how rapidly the demand for this handy seeder is increasing. While it is primarily a Brome and Western Rye Grass Seeder, it is fitted with a double hopper and sows Clover, Timothy, Alfalfa, Hungarian, Millet, Rape and Flax



House Grass Seeder

equally well, and can be regulated as desired. The hopper is 10 feet long and is fitted with an agitator, preventing clogging and insuring an even distribution of seed. No need of waiting until wind goes down. May be used at any time. It is built of the best material, light, strong and durable. Every farmer should have one. There are now 100,000 in use, giving thorough satisfaction. Price for Seeder complete, as exhibited in this cut, well packed for shipping, \$14.00.



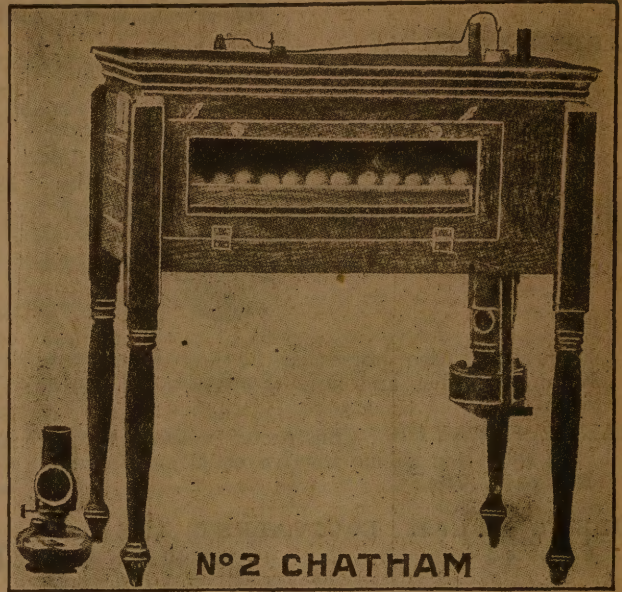
Our Incubators

We are pleased to place before our friends this splendid line of Incubators, believing that for completeness in every detail of manufacture and the great success achieved by those who are using them, that they are unsurpassed, and indeed have few equals. We have them in three sizes, but recommend the No. 2 as likely to meet the wants of most people. Should your business increase, a second one of this size may be added, or a No. 3, when you would have all the capacity desired. The capacity of No. 2 is rated at 100 eggs, although the tray will actually hold about 120. The No. 1 we rate at 50 eggs and the No. 3 at 200 eggs, but they will also carry one-fifth more in each case. Other makers rate the same size of tray at 60, 120 and 240 eggs respectively.

Price No. 1, \$16; No. 2, \$24.00; No. 3, \$32.00

We can also furnish the No. 1 Outdoor Brooder at \$13.00, and No. 2 Indoor Brooder at \$11.00.

All above prices are f.o.b. Brandon.



BANNER ROOT CUTTER

No. 25

For Cutting Roots for Stock

The most rapid Cutter ever invented. Simple, easy to operate. Has a self-feeder and separates dirt from the cut feed. Capacity 30 to 50 bushels per hour; will easily cut one bushel per minute on a test. Shipping weight about 120 pounds. Supplied with crank for hand power, or with both crank and pulley, so it may be used by either hand or power.

Price, with crank only \$12.00

“ “ crank and pulley 14.00

F.O.B. Brandon.

READY REFERENCE TABLES

Seed requisite to produce a given number of plants and sow an acre.

VEGETABLES

	PER ACRE.
Asparagus	1 oz. to 200 plants.....5 to 6 lbs.
Beans, Dwarf, in hills.....	2 lb. to 200 ft. drill.....75 to 90 lbs.
Beans, Pole, in hills.....	1 lb. to 75 hills.....5 to 6 lbs.
Beet, Garden or Sugar	1 oz. to 50 ft. drill.....5 to 6 lbs.
Cabbage, for transplanting.....	1 oz. to 2000 plants.....1/4 lb.
Cauliflower, for transplanting.....	1 oz. to 2000 plants.....1/4 lb.
Carrot	1 oz. to 100 ft. drill.....2 to 3 lbs.
Celery, for transplanting.....	1 oz. to 4000 plants.....1/4 lb.
Corn, Sweet.....	1 lb. to 100 hills.....12 to 15 lbs.
Chicory	1 oz. to 100 ft. drill.....2 to 3 lbs.
Cress, Garden.....	1 oz. to 100 ft. drill.....2 to 3 lbs.
Cucumber, in hills.....	1 oz. to 100 hills.....2 to 3 lbs.
Egg Plant, for transplanting.....	1 oz. to 1500 plants.....1/4 lb.
Endive	1 oz. to 100 ft. drill.....2 to 3 lbs.
Leek	1 oz. to 150 ft. drill.....2 to 3 lbs.
Lettuce.....	1 oz. to 150 ft. drill.....2 to 3 lbs.
Melon, Musk, in hills.....	1 oz. to 100 hills.....2 to 3 lbs.
Melon, Water, in hills.....	1 oz. to 25 hills.....1 1/2 to 2 lbs.
Onion, in drills.....	1 oz. to 100 ft. drill.....4 to 5 lbs.
Onion Sets, for planting.....	1 lb. to 40 ft. drill.....8 to 12 bus.
Parsley	1 oz. to 150 ft. drill.....2 to 3 lbs.
Parsnip	1 oz. to 200 ft. drill.....5 to 6 lbs.
Peas, in drills.....	1 oz. to 200 ft. drill.....2 to 3 bus.
Pumpkin	1 oz. to 15 hills.....1 1/2 to 2 lbs.
Radish	1 oz. to 150 ft. drill.....8 to 10 lbs.
Salsify	1 oz. to 100 ft. drill.....8 lbs.
Spinach	1 oz. to 100 ft. drill.....10 to 12 lbs.
Squash, bush in hills.....	1 oz. to 30 hills.....5 to 6 lbs.
Squash, vine in hills.....	1 oz. to 20 hills.....3 to 4 lbs.
Tomato, for transplanting.....	1 oz. to 1500 plants.....1/4 lb.
Turnip, garden	1 oz. to 200 ft. drill.....1 1/2 to 2 lbs.

FIELD ROOTS AND RAPE

	PER ACRE.	PER ACRE.
Sugar Beet.....	4 to 6 lbs.	
Carrot.....	2 to 3 lbs.	
Mangel Wurtzel, in drills.....	4 to 6 lbs.	
Potatoes, in hills or drills, cut tubers.....	8 to 12 bus.	
Potatoes, cut to single eyes.....	6 to 8 bus.	
Rape, in drills.....	2 to 3 lbs.	
Rape, broadcast.....	4 to 6 lbs.	
Turnip, field.....	1 1/2 to 2 lbs.	
Turnip, Swede.....	2 to 2 1/2 lbs.	

GRAINS

	PER ACRE.	Weight per Bush.
Barley, broadcast.....	2 to 2 1/2 bus.	48 lbs.
Barley, in drills.....	1 1/2 to 2 bus.	56 lbs.
Buckwheat, broadcast.....	3/4 to 1 bus.	48 lbs.
Corn, Flint.....	1 lb. to 80 hills.....	56 lbs.
Corn, fodder in drills.....	1/2 to 1 bus.	56 lbs.
Emmer (Speltz)	1 bus.	50 lbs.
Flax	1 to 1 1/2 bus.	56 lbs.
Oats	2 to 3 bus.	34 lbs.
Peas.....	2 to 3 1/2 bus.	60 lbs.
Rye.....	1 to 1 1/2 bus.	56 lbs.
Tares; or Vetches.....	2 to 2 1/2 bus.	60 lbs.
Wheat, in drills.....	1 1/2 to 1 3/4 bus.	60 lbs.

GRASSES AND CLOVERS

Bromus Inermis.....	12 to 14 lbs.	14 lbs.
Western Rye	15 lbs.	14 lbs.
Timothy	8 to 12 lbs.	48 lbs.
Orchard, Red Top and Blue Grass.....	14 to 20 lbs.	14 lbs.
Hungarian and Millet	20 to 30 lbs.	48 lbs.
Alfalfa or Lucerne.....	10 to 15 lbs.	60 lbs.
Red Clover and Alsike.....	12 to 18 lbs.	60 lbs.
Lawn Grass	40 to 50 lbs.	

"Planet Jr." Farm and Garden Tools

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market.



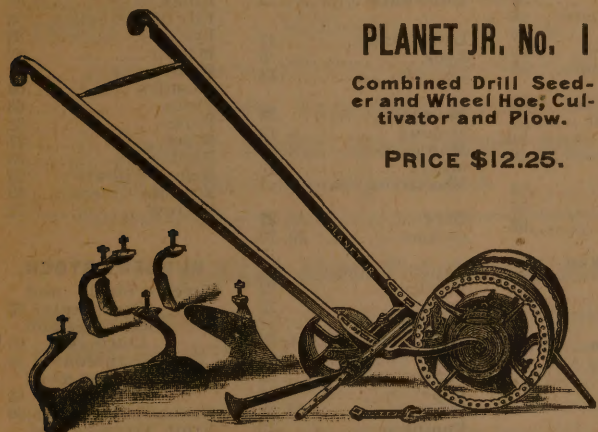
PLANET JR. No. 4
Combined Hill and Drill
Seeder, Single Wheel Hoe,
Cultivator and Plow.
Price complete
\$13.50
As a Drill only,
\$11.50

This tool combines in a single implement a hill dropping seeder, a drill seeder, a single wheel hoe, a cultivator and a plow. It holds two quarts, sows in a continuous row or drops in hills at five different distances. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow or cultivator. It is useful almost every day of the season, at every stage of garden work. The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect.



**No. 12 DOUBLE WHEEL HOE
CULTIVATOR AND PLOW**
PRICE \$10.50

This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. The wheels can be set at four different distances apart; the frame can be set three different heights. The handles are adjustable for height.



PLANET JR. No. 1
Combined Drill Seed-
er and Wheel Hoe; Cul-
tivator and Plow.
PRICE \$12.25.

This tool is known and used the world over, and excepting our hill and drill seeders, is the most perfect drill known. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical, every-day time and labor saver, and a grand remedy for backache.

Price, plain, - \$10.75
With wheel - 12.00
Complete - 12.25



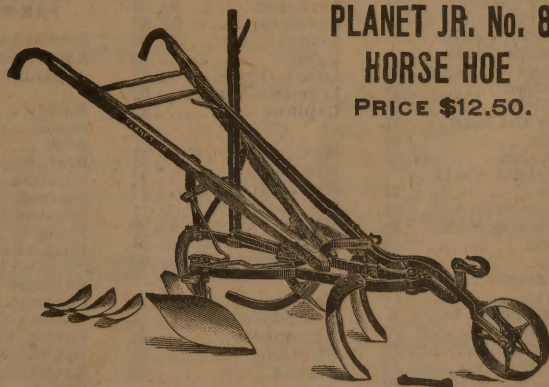
Planet Jr. Twelve Tooth Harrow

here shown, you go as deep or shallow as you like, come up close to row without cutting plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It is capable of any adjustment, and is made instantly to meet your exact needs. It's a special favorite with strawberry growers, market gardeners and truckers.



**No. 17 1/2 SINGLE WHEEL
HOE AND CULTIVATOR.**
PRICE, \$8.50

It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. This is but one of 42 Planet Jr. tools of equal superiority.



**PLANET JR. No. 8
HORSE HOE**
PRICE \$12.50.

You can get the greatest service out of the tool shown above.

You can do most anything you want with it in the garden. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from centre again. You can set the hoes in reverse positions, cultivate to any depth desired and adjust for any width between 9 and 25 inches. Its round throat standards polish in use, they do not clog and you don't stop the horse for any adjustment you want to make.

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McKenzie's Specially Selected Strains



OUR CATALOGUE.

While we have endeavored very faithfully to place before our friends throughout Manitoba and the great North-West those varieties suitable for our climate and to eliminate the very doubtful and useless kinds, it will be readily understood that there are strains that **"stand out"** for their exceptional merit—the **"select of the selected."** The following is a summary of the varieties we have taken particular pains to verify as being specially suited to the Canadian West. **For Earliness, Hardiness, Productiveness and Quality** they are absolute and reliable leaders.

VEGETABLE SEEDS

		See Description	Packet	Price	lb.
BEANS	McKenzie's Perfection Great Wax or Butter	Page 7	10c		30c
BEANS	McKenzie's Matchless Green Pod	" 7	10c		30c
BEET	McKenzie's Extra Early	" 10	5c	1/4 lb.	35c
CABBAGE	McKenzie's Northern Favorite	" 11	10c	1/2 lb.	\$1.00
CAULIFLOWER	McKenzie's Early Snowcap	" 13	25c	1/2 oz.	\$1.50
CARROT	McKenzie's Garden Gem	" 14	10c	1/2 lb.	60c
CELERY	McKenzie's Brandon Prize	" 15	10c	1/4 lb.	\$1.00
CORN	McKenzie's Northern Success	" 16	10c		1b. 25c
CUCUMBER	McKenzie's Prolific	" 17	10c	1/4 lb.	80c
LETTUCE	McKenzie's Prairie Queen	" 18	5c	oz.	20c
ONION	McKenzie's Northland	" 19	10c	1b.	\$1.75
PEAS	McKenzie's Extra Early Manifold	" 21	5c	1b.	35c
RADISH	McKenzie's Rosy Gem	" 23	5c	oz.	20c
TOMATO	McKenzie's First of All	" 25	10c	oz.	60c

A good Vegetable Garden affords the best and cheapest medicine.
Glowing health, good temper and clear minds are the inheritance where
Vegetables are appreciated.

FIELD ROOT SEEDS, RAPE, GRAINS AND GRASSES

SUGAR BEET	McKenzie's New Link of Gold	Page 27	1b.	40c
MANGEL WURTZEL	McKenzie's Manitoba Giant Yellow	" 28	1b.	35c
CARROT	McKenzie's Mammoth Half-Long White	" 28	1b.	55c
TURNIP	McKenzie's Northwestern Swede	" 29	1b.	35c
RAPE	McKenzie's Dwarf Essex	" 30-31	4 lbs. 55c. postpaid; 50 lbs. or more at 6c per lb. f.o.b. Brandon	
POTATOES	McKenzie's Seedlings Nos. 1, 2 and 3	" 32-33	(Special Offers)	
POTATOES	McKenzie's Oval Beauty	" 33	{ peck \$1.00 f.o.b. Brandon bush. \$3.00	
WHEAT	McKenzie's Pure Red Fife	" 35	bush. \$1.35	
OATS	McKenzie's Tartar King	" 36	bush. \$1.00	
PASTURE GRASS	McKenzie's O. K.	" 42	100 lbs. \$15	
LAWN GRASS	McKenzie's Emerald Green	" 43	1b. 25c; 10 lbs. \$2.25, post pd.	

SPECIAL COMBINATION OFFERS

Four Globe Onions	Page 20	80c worth for 60c
Stockman's Collection	" 29	\$1.95 worth for \$1.60
Children's Delightful Collection of Annual Flowers	" 57	18 varieties for 60c
Select Collection of Perennials	" 61	\$1.00 worth for 70c

The above grand lines should make tight cellars and full barns; fat, sleek and robust herds, and contribute to beautiful, peaceful and happy homes.

Wishing all a Happy and Prosperous New Year.

A. E. MCKENZIE & Co., Seedsmen to the Canadian West, **BRANDON, Man.**

A. E. MCKENZIE & Co. Seeds.

THE SEED HOUSE OF WESTERN CANADA.

RADISH.
MCKENZIE'S RUBY GEM
PKT. 5¢. 02.20¢. 1/4 lb. 35¢.

MANGEL.
MCKENZIE'S MANITOBA GIANT
1/2 lb. 20¢. 1 lb. 35¢.
5 lbs. 1.25 POSTPAID.

TURNIP.
MCKENZIE'S NORTHWESTERN
PURPLE TOP SWEDE.
1/4 lb. 10¢. 1/2 lb. 20¢. 1 lb. 35¢.

ONION.
AUSTRALIAN BROWN
PKT. 5¢. 1/4 lb. 30¢. 1 lb. 1.15.